AUTHOR INDEX

Volume 92 (July-December, 1987)

Abboud, R. T., Abe, Shosaku, 488 *Abernathy, Charles M., 24 (Nov) Abernathy, Deborah A., 704 *Abraham, Edward, 24 (Nov) Abraham, W. M., 913 Adams, James W., 185 Agee, Kimberly, 362 Agmon, Jacob, 745 Aharonson, Ephraim, 491 Ahmad, Dildor, 576 Ahnefeld, Friedrich W., 66 Akbik, Fawaz, 77 Akers, Stephen, 1105 Al-Asfoor, Abdul Rahman, 849 Alagaratnam, Dharma M., 337 Alba, Augusta, 168 Albanese, Jacques, 999 Albus, Robert A., 888, 995 *Alexander, JoAnn S., 26 (Nov) Algranti, Eduardo, 1050 Ali, J., 540 Allen, Edward A., 237 Almassi, G. Hossein, 369 Almog, Ch., 219 Almond, Carl H., 783 Al-Yusuf, Abdul Razzak, 849 Alpert, Joseph S., 721, 963 Alt, Eckhard, 247 Altose, Murray D., 952 Altschule, Mark D., 739, 1094 Ambrose, John A., 581 Amin, D., 447 Amodeo, Celso, 1042 Amstutz, P., 867 Andouin, Henry, 767 Andre-Fouet, Xavier, 429 Anzai, Nobuyuki, 1120 Applebaum, David, 124 Araki, Yoshihiko, 769 Aranda, Conrado P., 204, 948 Armstrong, Earl M., 187 Aronson, Solomon, 836 Arshad, Magbool, 957 Ashutosh, Kumar, 393 Askanazi, Jeffrey, 979 Askin, Frederic B., 514 Asner, Nesher G., 1088

Assimacopoulos, Andre, 971 Assogna, Giuseppe, 863 Athale, S., 567 Auler, Jr., Jose O. C., 984 Austin III, Erle H., 683

Bach, John R., 168 Baele, P., 804 Baer, Paul, 807 *Baggot, M. Gerard, A-24 (July) Bagley, Peter H., 769 Baillou, C., 867 Baker, Richard W., 1013 Baldwin, John C., 433 Banks, Daniel E., 704 Barker, Walter L., 77 *Barnard, Timothy M., 19 (Aug) Barreto, Elci, 1050 Barriot, Patrick, 460 Barzo, Pal, 132 Batandier, C., 189 *Bates, Laurence H., 18 (Oct), 22 (Aug) Baum, Gerald L., 491 Bauman, Jerry L., 573 Baxley, William A., 1098 Bear, Philip A., 860 Becker, Richard C., 963 Begin, Paul, 822 Begin, Raymond O., 1061 Behera, D., 904 Belfer, Benjamin, 491 Bell, Rex, 625 *Bellard, John Y., 22 (Dec) Belli, Albert, 71 Bencze, K., 946 Benito, Salvador, 451 Benning, Timothy L., 514 Bense, Laszlo, 1009 Bergeron, Gary A., 381 Berman, Martin M., 732 Bhark, Philip, 194 Bhatnagar, Sudhir K., 849

Bilisoly, June, 40

Binder, Ralph E., 380

Biondi, James W., 967 Birch, Stephen, 1037

Birchley, I. Neil, 954

Bisi, Gianni, 645

Bison, Guy Y., 1061 Blackburn, Brian B., 683 Blanc, Paul, 613 Blanch, Lluis, 451 Block, A. Jay, 411 *Blomberg, David J., 18 (Oct), 18 (Dec) Blomer, Hans, 247 Blumberg, David J., 18 Boehmer, Rolf, 296 Boersma, W. G., 737 Boffa, G., 867 Bohorques de Rodriguez, Hilda, 1115 Boileau, Robert D., 1061 Bolton, J. W. Randolph, 783 *Bolooki, Hooshang, 27 (Dec) Bone, Roger C., 196, 530, 773, 1032 Bonneru, Jean Jacques, 999 Borer, Jeffrey S., 400 Boschetti, Enrico, 768 Bossaert, L., 961 *Botvinick, Elias H., 26 (Sept) Bourdarias, Jean-Pierre, 789 Bourke, Stephen, 576 Bower, Jeffrey H., 83 Boyd, Gavin, 576 *Bradley III, Edward L., A-21 (July) Brambilla, C., 189 Brambilla, E., 189 Brandstetter, Robert D., 565 Breeling, James L., 965 Bressack, Michael A., 906 Brie, Michele, 959 Brinker, Jeffrey A., 177 Broaddus, V. Courtney, 967 Broehan, Uwe, 296 Brohee, D., 1127 Brown, F. M., 367 Brown, Mark A., 100 Brundage, Bruce, 337 Bryan, Charles L., 83 Bucciolini, Marta, 645 Bundi, R. Sushilla, 576 Burch, Patrick A., 95 Burgess, K., 757 Burgher, Louis W., 775 Burke, Conor M., 433, 547 Burke, M., 219 Burki, N.K., 1013

Burris, James F., 1124 *Burt, Robert W., 19 (Aug) Burton, Nelson A., 995 Bush, Bruce A., 696 Butz, Ralph O., 392

Caldeira, Marina P. R., 984 Callaham, Peter, 741 Callahan, Scot, 888 Callahan III, Alfred S., 957 Camp. Michael. 1107 Campbell, Edward J., 161 Campbell, Sammy C., 129 Camporesi, Enrico M., 385 Cantin, Andre M., 1061 Cantor, John P., 939 Cardoso, Wellington V., 984 Carlen, P., 86 Carlin, Brian W., 173 Carlone, Stefano, 310 Carlson, Eric B., 560 Carr, Thomas J., 31 Carroll, Gilbert C., 467 Carter, Rick, 253 Cartier, Andre, 375 Casar, Gregorio, 796 Casolo, Gian Carlo, 645 *Castaneda, Aldo R., 20 (Nov) Castillo, Alfredo, 63 Cauberghs, Michel, 475 Cavalli, Augusto, 381 Cazzola, Mario, 863 Celona, Gabriella, 23 Cha, Se Do, 192 Chadha, Tejvir S., 1037 Chaitman, Bernard R., 1102 Champsaur, Gerard, 429 Chan, Charles K., 303 Chang, Chau-Hsiung, 944 Chapman, G. A., 913 Chapman, Peter G., 369 Chapman, Y., 90 Charbonneau, Gerard, 825 Charpin, D., 958 Chatterjee, Kanu, 118, 967 Chaudhary, Bashir A., 335 Chelly, Jacques E., 796 *Cheng, Tsung O., 24 (Nov) Chetta, A., 455 Chevrolet, Jean-Claude, 971 Chikamori, Taishiro, 1118 Chir, M., 30 Chou, Pauline, 337 Chretien, Jacques, 342 Christianson, Lynn C., 204 Churg, Andrew, 871 Cianci, Paul, 749 Cicale, Michael J., 411 Civetta, Joseph M., 137 Clark, Virginia A., 638 Clarke, Stewart W., 991 Clarysse, Ignace, 475 Clausen, Jack L., 418 Clemmer, Terry P., 1032 Coates, Allan L., 313 Cockrell, Jr., James L., 292 Coffrini, Emilio, 883 Cole, Peter, 342 Coleman, Diana Lewis, 520 Coleman, R. Edward, 44 Collins, Bradford S., 367 Collins, Eileen, 578 Collins, George J., 995 Colman, Wendy, 273 Colucci, Wilson S., 555

Combs, D. Thomas, 926 Condorelli, Mario, 188 Connors, Alfred F., 952 Constantopoulos, S. H., 509, 709 Contreras, M., 470 Conway, Michael M., 732 Cook, Guillermo A., 1115 Cooke, N., 155 *Coquillaud, Jean Pierre, 26 (Nov) Corbo, G. M., 455 Corne, L., 757 Cornett, A., 229 Corwin, R. William, 380 Costabel, U., 1124 Costerton, J. William, 440 Coulson, Anne H., 594, 638 Courtin, Vincent, 767 *Courvier, R., 20 (Dec) Cowie, Robert L., 260 Crapo, Robert O., 3, 418 Crawford, E. Stanley, 796 Cugell, David W., 342 Cuomo, A., 455 Curtis, John E., 303 Cutillo, Antonio C., 319

D'Alonzo, Gilbert E., 57 D'Amato, Gennaro, 863 D'Cruz, Ivan A., 766 Dabouis, Gerard, 767 Dahms, Thomas E., 1088 Dalen, James E., 550, 721 Daly, Paul A., 118 Danchin, N., 229 Dantzker, David R., 57 Daum, Severin, 247 Davis, Anne L., 204 Davis, Joseph H., 287 de Groot, Curly, 941 De Paola, Mario, 188 *De Soyza, Neil, 23 (Aug) de Witte, J., 844 DeBroe, M. E., 961 Dedhia, Harakh V., 921 Degener, J. E., 844 DeHaven, Bryan, 853 Del Canale, Stefano, 883 Delahaye, Jean-Pierre, 429 Delany, David J., 213 *DeLaria, Giacomo A., 24 (Oct) Delaubier, Anne, 168 Demedts, Maurits, 475 Demey, H., 961 Dennis, Lee, 406 DeRemee, Richard A., 1068 deShazo, Richard D., 90, 704 Deslauriers, Jean, 959 Detels, Roger, 594 Dickout, William J., 303 Diem, John E., 877 Dillard, Thomas A., 195 DiMarco, Anthony F., 952 DiMarco, John P., 4, 371 Divine, George W., 604 Dobrenchuk, Ann, 273 Doi, Yoshinori L., 1118 Dorken, Elaine, 237 Dottorini, Maurizio, 768 Dougherty, James E., 732 Douglas, Cynthia L., 1126 Downs, John B., 853 Draper, Elizabeth A., 423 Drayer, J. I., 923 Driver, Albert G., 683 Drusin, Ronald, 569

Du Barry, L., 86 Dubourg, Oliver, 789 Duke, K., 540 Duncan, Steven R., 390, 621 Dunn, Marc M., 406 Dunn, Marvin I., 362, 935 Dunsky, Milton, 392 DuRee, Sandra L., 57 *Dyer, Eric L., 957, 28 (Nov) Dzoljic-Danilovic, G., 844

Eckert, G., 753
Edwards, Fred H., 888
Eesternabs, G., 961
Eichhorn, John H., 418
Einhorn, Lawrence H., 241
Eklund, Gunnar, 1009
Elliott, P. D., 757
Elliston, L., 529
Emmot, William W., 362
Emslander, Hans-Peter, 247
Enson, Yale, 569
Eschenbacher, W. L., 105
Espana, Jose, 63
Essed, Catharina, 941
Ethevenot, G., 229
Eudy, Sid, 625
Evora, P. R., 171

Fabaz, Anthony G., 950 Falk, Rodney H., 110 Fan, Kang, 625 *Farber, Mark O., A-24 (July), 310 Feigl, Dan, 189 Feldman, Jerome M., 360 *Ferlinz, Jack, 26 (Sept), 337 Fernandez, Rafael, 451 Ferrer, A., 1122 Fiaccadori, Enrico, 883 Fiastro, J. Ferdinand, 129 Fields, Sam, 253 Finch, Peter, 1108 Findley, Larry J., 631, 772 Fine, David G., 124 Fine, Ellen G., 287 Fineberg, Naomi, 310 Fisher, Charles J. Jr., 1032 Fisher, Jeffrey, 400 Fisher, John P., 732 Fishman, Elliot K., 95 Fitting, J. W., 364 Fletcher, Eugene C., 604 Fletcher, Joyce G., 604 Flint, Andrew, 191 *Foer, Pierre, 18 (Dec) Fong, T. C., 757 Foresi, A., 455 Forester, Donald, 770 Forsberg, Sinikka, 277 Fortenberry, J. Dennis, 100 Foultier, Marie-Therese, 767 Fox, Arthur W., 670 Franklin, Cory, 77 Franzini, Daisy A., 179 Fraser, Ian M., 303 Froelicher, Victor F., 741 Fruhmann, Gunter, 946 Fuentes, Francisco, 57 Fukushima, Masao, 814 Fukushima, Yasunori, 1120 Fulkerson, William J., 562 Fullenwider, John, 625

Gabb, Genevieve, 1074 Gallagher, T. James, 1125

Gallastegui, Jose, 573 Galvez, S., 804 Gamsu, G., 145 Gang, Eli S., 557 Gangadharam, Pattisapu R. J., 1128 Garcia-Bragado, F., 1129 Gayet, Christian, 429 Gerbracht, David D., 182 Gertz, Morie A., 576 Gervais, Andre, 822 Gharavi, A. E., 509 Giani, Maria, 645 Gianotti, Leslie A., 57 Gibson, Robert S., 371 Gilhotra, R., 904 Gill, M. J., 757 Giosa, Richard, 717 Giudice, James C., 71 Glanville, Allan R., 433, 547 Glenny, Robb W., 562 Glindmeyer, Henry W., 877 Gluck, Eric H., 732 Godenir, J. P., 229 Godwin, J. David, 514 Goebel, Paul J., 1083 Goenen, M., 804 Gold, Fran, 273 Goldberg, Howard S., 686 Goldberg, Robert J., 550, 721 Goldenberg, Steven P., 374 Goldstein, Glenn, 935 Goldstein, J., 1112 Goldstein, Jonathan E., 609 Goldstein, R. S., 470 Goldstein, Ruth, 967 Gong Jr., Henry, 638 Gonzalez-Carmona, Victor M., 115 Gonzalez-Rothi, Ricardo J., 179 Gooch, Jerry B., 185 Goodrich, Eric, 273 Gore, Joel M., 550, 721 Goto, Hajime, 384 Gotsman, M. S., 124, 1112 Gottlieb, Jonathan E., 857 Goudevenos, John A., 709 Gouin, Francois, 999 *Graboys, T. B., 26 (Sept) Graeber, Geoffrey M., 888, 995 Graham, David R., 576 Gravelyn, T. R., 105 *Gray, Richard, 19 (Aug) Greco, F. Anthony, 241 *Green, Curtis E., 19 (Aug)
*Greenhalgh, R. M., 30 (Oct)
Greenstone, M., 155 Greipp, Philip R., 576 Gribetz, Allen R., 577 *Gries, Cindy A., 30 (Oct) Grochow, Louise B., 177 Grossman, R. F., 385 Grzybowski, Stefan, 237 Guariglia, Achille, 883 Gueron, Mosche, 1113 Guidet, B., 867 Guillaro, Bruno, 863 Guilleminault, Christian, 621 Gutierrez, Fernando R., 897 Guyatt, Gordon H., 580, 618

Habbib, Michael P., 129 Haft, Jacob I., 609 Hagemeijer, Frans, 941 Hager, W. David, 747 Hakala, Markku, 277 Hakim, Simon Z., 176

Halpern, Steven M., 686 Hamashige, Naohisa, 1118 Hamm, Hinrich, 296 Handwerger, Sandra, 769 Hankoczy, J., 933 Hanlon, J. Timothy, 926 Hannan, James, 198 Hannan, Stephen E., 179 Hanson, Wayne R., 584 Harber, P., 494 Hariman, Robert J., 573 *Harken, Dwight E., A-21 (July) Hartley, Howard, 555 Hartmann, Jr., Alexis F., 897 Hashimoto, Akimasa, 1120 Hasin, Yonathan, 124 Hatron, Pierre Yves, 1025 Hattori, Ryuichi, 183 Hatzfeld, C., 867 Hausheer, Frederick H., 177 Haynes, James L., 783 Hazard, Patrick B., 185 Heath, J., 18 Heffner, John E., 367 Heigenhauser, George J. F., 777 Heinz, Michael, 247 Hellard, D. W., 411 Heller, Michael B., 900 Hendricker, Connie, 1047 Henkin, Robert E., 486 Henningfield, Jack E., 963 Henriquez, A., 229 Hickman, Carol S., 1005 Higgins, R. M., 959 Hinohara, Tomoaki Hirgstetter, Christoph, 247 Hirose, Hajime, 224 Hjemdahl-Monsen, Craig, 581 Ho, Kang-Jey, 1098 Hoffman, A., 933 Hoffman, Jerome R., 586 Hoffman (Kiriloff), Leslie A., 190 Hoffstein, V., 86 *Hofman, Hubert, 24 (Nov) *Holcroft, James W., 22 (Aug) Hood, C. Ian, 179 Hop, W. C. J., 844 Horak, David A., 582 Hornung, Carlton A., 783 Horrevorts, A. M., 844 Huang, Chin Tang, 717 Huang, Ou-Ling, 892 Huang, Wen-Chu, 1022 Hudgel, David W., 579 Hudson, Leonard D., 1085 Hultgren, Herbert N., 40 Humberto Rodriguez, A., 1115 Hung, Jeffrey P., 578 Hunninghake, Gary W., 51 Hurd, Eric, 939 Hutcheon, Michael A., 303, 766 Hyland, Robert H., 303, 766 Hyman, Allen I., 979

Iacona, M. Aurora, 23 Iazigi, N., 171 Ibarra-Perez, Carlos, 115 Ichiyama, Satoshi, 1110 Illic, D., 737 Ilonen, Jorma, 277 Imaizumi, Tsutomu, 366 Inada, Mitsuo, 282 Ingram, Christopher W., 1117 Irie, Hiroyuki, 651 Isakov, A., 219

Isner, Jeffrey M., 326 Israel, Harold L., 857 Iwasaka, Toshiji, 282 Izdebska-Makosa, Zuzanna, 766

Jackowski, J., 913 Jackson, Francis L., 440 Jacquemart, J. L., 804 Janosi, A., 933 Jardin, Francois, 789 Jasper, A. C., 447, 686 Jerjes-Sanchez, Carlos, 115 Johnson, David H., 241 Jones, Norman L., 777 Jones, Robert N., 877 Jordan, Theresa J., 234 Josephson, Richard A., 177 *Julian, Desmond G., 30 (Oct) Jung, Jia Y., 950 Junior, L. Gallo, 171 *Jung, Ralph C., 27 (Dec) Jurney, Thomas H., 292

Kabayashi, Toshio, 814 Kaelin, Rainer M., 971 Kallay, Michael E., 676 *Kapel, Kanwal K., 21 (Dec) Karantanas, Apostolos, 709 Karp, Judith E., 95 Karwande, Shreekant V., 761 Kato, Hideo, 384 Katsiotis, Paul, 709 Katz, Ido, 491 Kawai, Chuichi, 183 Kawakami, Yoshikazu, 488 Kawane, Hiroshi, 577, 663 Kawashima, Yasunaru, 224 Kazim, Farouk, 618 Keats, Arthur S., 836 Keens, Thomas G., 273 Kelly, Charles, 576 *Kelly, Jr., John J., 26 (Dec) Kelly, Thomas A., 371 Kemper, Marcia, 979 Kereiakes, Dean, 118 Kern, Morton J., 1102 Khandelwal, Anand Vardhan, 385 Kigin, Colleen M., 190 Kimberland, Ronald M., 26 (Nov) Kimura, Yutaka, 282 King, E. Garner, 440 King, Malcolm, 679 King, Timothy, 713 Kinney, John M., 979 Klein, Lawrence S., 27 (Dec) Knaus, William A., 423 Knutzen, Anders, 555 Kochar, Mahendr S., 943 Koerner, Spencer K., 447, 686 Kohno, Masakazu, 769 Koide, Harutoshi, 10 Koito, Hitoshi, 282 Kolesar, Judith A., 657 Konig, G., 946 Kontogiannis, Dimitris, 709 Koo, Kai-ship, 892 Koskimies, Saija, 277 Kosolcharoen, P. K., 1018 Koyama, Sekiya, 814 Koyanagi, Samon, 377 Kracoff, Oscar H., 1113 Kraman, Steve S., 958 Krasne, David, 1126 Kratikanont, P., 90 Krischer, Jeffrey P., 287

Kriwisky, M., 1112
Kroncke, G. M., 1018
*Kruse, James A., 22 (Dec)
Kruszynska, Y., 155
Kubo, Keishi, 814
Kueppers, Friedrich, 961
Kuhlman, Janetg E., 95
Kuhn, M., 364
Kunikane, Hiroshi, 488
Kuno, Kenshi, 1
Kuo, Yuh-chi, 1022
Kurihara, Naotsugu, 769
Kuroiwa, Yosushi, 500
Kusama, Shozo, 500, 814
Kuzume, Osamu, 1118

La Rosee, Anthony, 900 Labovitz, Arthur J., 1102 Lam, Kan, 440 Lamarra, Andre, 313 Lamiell, James M., 292 Lan, Ray-Shee, 944 Lapierre, Jean-Guy, 313 Larson Jr., C. Philip, 1124 Lauria, Donato, 863 Lavie, Carl J., 1042 Lawless, Christine E., 578, 657 Lazar, Harold L., 800 Le-Tilleul, Montigny, 1127 Lebecque, Patrick, 313 Lee, Cheng-Huei, 944 Lee, Francis K., 194 *Lees, Robert S., 24 (Sept) Leech, Judith A., 807 Leghari, Rahmat U., 763 Lehrman, Stuart, 686 *Leier, Carl V., A-21 (July) Leuenberger, Ph., 364 Levitt, Alan, 565 *Levy, Jerrold H., 30 (Sept) Lew, M., 494 Lewen, Marc K., 1102 Lewis, Michael I., 263, 582 Lewis, Steven, 27 *Lewiston, Norman J., A-24 (July) Libby, Daniel M., 7 Lieberman, Y., 145 Likier, Howard M., 400 Lim, Shun P., 176 Lin, Ching-Chi, 1022 Lin, Ching-Yuang, 1022 Lin, Zhen-Qiong, 892 Lindberg, Jill S., 292 Linder, Karl H., 66 Lipton, J. H., 757 Little, Alex G., 774 Littner, Michael R., 584 Liu, Guogin, 959 Lobefalo, Gaetano, 863 Lombard, Charles M., 871, 1126 Long, S., 470 Lonigro, Andrew J., 1088 Lopata, Melvin, 807 Lotan, Chaim, 124 Lotz, Peter, 66 Loudon, Robert G., 342 Lough, Frederick C., 995 Louie, Samuel, 1083 Lupattelli, Luciano, 768

Maciel, B. C., 171 Maciel, L. M. Z., 171 MacIntyre, Neil R., 44

Luzza, Francesco, 758

*Lynne-Davies, Patricia, 24 (Oct)

Mack, Ralph J., 400 Maggioni, Aldo P., 381 Maguire, Frank E., 769 Makimura, Shiro, 488 Malchoff, Carl. 747 Malik, S. K., 904 Malo, Jean-Luc, 375 Mancebo, Jordi, 451 Manco, J. C., 171 Mancuso, Luigi, 23 Mandel, William J., 557 Mandelbaum, Isidore, 241 Manoussakis, M. N., 509 Manyari, Dante E., 937 Manzo, Augusto, 63 Maranhao, Vladir, 192 *Marcelletti, Carlo, 30 (Oct) Marchi, Salvatore, 23 Marcuard, Stefano P., 683 Margairaz, Andre. 789 Marinissen, Karen I., 941 Marino, Paul L., 1105 Marmor, Abraham, 189 Martin, Claude, 999 Martin, Gary J., 486 *Marty, Alan T., A-20, A-21 (July), 19, 22, 23 (Aug), 18, 24, 30 (Oct), 18 & 22 (Dec) Marwick, Thomas H., 954 Massey Jr., Frank J., 594 Matsumoto, S., 814 Matthay, Michael A., 967 Matthay, Richard A., 967 Matthews, Joseph, 696 Matuschak, George M., 5 Matusita, Haruhiko, 769 Mazzocco, C., 190 McAllister, C. Kenneth, 751 McCaul, D. Scott, 704 McCormick, John R., 800 McFadden, Robin G., 31 McGarry, Terence, 717 McKelvie, Robert S., 777 McKinley, F. W., 769 McKinney, Rick G., 386 McKnight, Robert C., 897 McTier, Robert F., 631 Mehta, Jay B., 1107 Meier-Sydow, J., 342 Melton, James W., 213 Mertens, G., 1127 Meslier, N., 825 Messerli, Franz H., 1042 Messner, Hans A., 303 Methylprednisolone Severe Sepsis Study Group, 1032 Metz, Craig A., 1032 Mihm, Frederik G., 621 Mikami, Riichiro, 342 Mildvan, Donna, 769 Miller, G., 18 Miller, Joanne, 604 Miller, K. Scott, 959 *Miller, Marshall, 20 (Dec) Miller, R., 18 Miller, Trey, 604 *Millsaps, Ralph D., 30 (Oct) Minik, Karoly, 132 Mirsa, V. P. E., 567 Missmahl, Hans-Peter, 296 Mizio, Gisella, 23 Modin, Gunnard, 118 Mohsenifar, Z., 447 Molnar, Lajos, 132

Molotiu, N., 470

Monaco, Michele P., 897

Monforte, R., 1122 Monick, Marty, 51 Monoson, Patricia K., 670 Montgomery, Mark, 346 Montserrat, J. M., 1122 Moodie, Douglas S., 860 Moon, Richard E., 385 Morady, Fred, 157 Morales, Freddie M., 696 Moran, Jon, 362 Morelli, M. J., 948 Morgan, Christopher D., 303 Morgan, Jane E., 704 Morley, Thomas F., 71 Morris, Adrian J., 433 Morris, Alan H., 3 Morris, Keneth G., 560 Morrison, Douglass A., 387 Morrone, Elson, 1050 Moser, Kenneth M., 173 Mosher, Richard, 168 Mosseri, Morris, 124 Mott, Serge, 382 Mousset, Xavier, 959 Moutsopoulos, H. M., 509 Muller, K. M., 753 Muller, N., 18 Mulligan, Susan A., 1098 Murakawa, Kou-ichi, 769 Murao, Makoto, 342 Murdock, David K., 578 Murohara, Yoshiharu, 183 Murphy, Raymond L. H., 342 Murray, Jeffrey, 747 Murray, Kevin M., 769 *Murray, Michael E., 22 (Dec) Musch, W., 757 *Muskett, Gary J., 26 (Nov) Musto, Steven, 1105 Muthuswamy, Petham P., 77 Myers, Dennis L., 83 Myers, Mark, 557

Naccarato, Emanuel, 565 Nagel, Eugene L., 287 Nagy, H., 189 Nahano, Susumu, 224 Najman, A., 867 Nakahara, Kazuya, 224 Nakamura, Motoomi, 366, 377 Nakamura, Toru, 40 Nakata, Masao, 500 Nakayama, Yorikazu, 651 Nakhosteen, J. A., 753 Nallasivan, M., 1018 Nalos, Peter C., 557 Nawa, Sugato, 651 Neff, William A., 836 Neglia, Walter, 565 Negrin, Robert S., 621 Nelems, B., 18 Net, Alvar, 451 Neto, J. A. Marin, 171 Newhouse, Michael T., 580, 618 Newman, Stephen P., 991 *Newnum, Raymond L., 18 (Aug) Nielsen, B. A., 188 Niemiera, Mark L., 609 Niezgoda, Jeffrey A., 995 Niki, Yoshihito, 663 Nino, Alfredo F., 732 Nitta, Masao, 40 Noppen, M. M., 757 Norwood, Scott HY., 137 Nouwen, E. J., 961

Novich, Ira, 565 Nowak, Paul, 1108

Odawara, Hiroaki, 1118 Offenstadt, G., 867 Ohi, Motoharu, 10 Ohno, Kiyoshi, 224 Okazaki, Nozomu, 488 Okubo, Yoshio, 500 Olesen, L. L., 188 Olinger, Gordon N., 369 Olivieri, D., 455 Olsen, Gerald N., 783 Olson, Leslie G., 718 Onal, Ergun, 807 Orehek, J., 958 Oreto, Giuseppe, 758 Osher, Alan, 273 Ostrow, D., 18 Ott, Helena, 796 Ovsyshcher, Ilya, 1113 Owens, Gregory R., 190 Ozawa, Toshio, 1118 Ozick, Hershel, 565

Padua-Gabriel, Antonio, 115 Palacin, A., 1122 Palange, Paolo, 310 Palmer, Darwin L., 1128 Paoletti, Vincenzo, 310 Parise, Pasquale, 768 Parker, L. Alden, 213 Partanen, Jukka, 277 Passerini, Louise, 440 Pasterkamp, Hans, 346 Patel, A. K., 1018 Patrice, Thierry, 767 Paulson, Walter J. H., 27 Pausner, R., 145 Pauwels, R., 572 Peavler, Mike, 253 Pellow, Peter G. D., 991 Peter, Thomas, 557 Peters, O., 757 Peterson, Michael W., 51 Peterson, R., 529 Phang, Paul Terrence, 440 Picado, C., 1122 *Picardo, Sergio, 30 (Oct) Pierre, Bernard, 429 Pierson, David J., 1085 Pietroletti, Renato, 863 Pifarré, Roque, 578 Pinto Ribeiro, Jorge, 555 Pitcher, W. Douglas, 939 Poe, Robert H., 676 Pohil, Richard L., 57 Pohl, Stephen L., 631 Polu, J. M., 229 Ponlot, R., 804 Poon, Peter Y., 1 Posin, Jonathan P., 749 Postmus, P. E., 737 Pratt, Philip C., 8 Prigogine, Th., 187 Prin, Lionel, 1025

Quenzer, Ronald W., 531

Rachootin, P., 1130 Racineux, J. L., 825 Rackley, Charles E., 1117 Raffin, Thomas A., 390, 621, 906 Raghu, Ganesh, 148 Ram. C. Venkata S., 1096

Ramage Jr., James E., 44 Ramirez-Rivera, Alicia, 115 Ramon, Philippe, 1025 Rankin, John A., 839 Rasanen, Jukka, 481, 853 Ravin, Carl E., 562 Reagle, Robert R., 57 Reddy, G. Veerender, 763 Reddy, P. Sudhakar, 657 Reemtsma, Keith, 569 Reichman, Lee B., 234 *Relland, John Y.M., 24 (Nov) Reyes de la Rocha, Santiago, 100 Reynolds, Herbert Y., 839 Reynolds, Susan, 586 *Richter, Josef A., A-21 (July) Rieder, Hans L., 383 Riou, Bruno, 460 Rizk, Norman W., 390 Robert, A., 804 Roberts, Arthur J., 800 Robin, Eugene D., 330, 433, 547, 727, 1074, 1124 *Robinson, F. R., 26 (Sept) Rocco, Michael B., 555 *Rockwell, Carl F., 22 (Dec) Rodrigo, Ma. J., 1129 Rodriguez, Fred H., 704 Rodriguez-Iturbe, Bernardo, 1115 Rogers, Robert M., 190 Roggli, Victor L., 514 Rohman, Michael, 717 Rokaw, Stanley N., 594 *Roland, Charles G., 26 (Dec) Roman, Ceceila F., 192 Ronda, Nicoletta, 883 Rose, Eric A., 569 Rose, Jed E., 1005 Rossi, Michael A., 732 Rotman, Harold H., 418 Rozenman, J., 145 Rueff, Patrice, 429

Sackner, Marvin A., 1037 Sadoshima, Junichi, 377 Sadoul, P., 229 Sagar, Kiran B., 27 Sahmel, R., 529 Sahn, Steven A., 367, 505, 959 *Said, S., 18 (Dec) *Salem, Deeb N., 20 (Nov) Saldiva, Paulo H. N., 984 Salem, Deeb N., 326 Sane, David C., 360 Santinelli, Vincenzo, 188 Sapoznikov, Dan, 124 Saratzis, Nikos A., 709 Satler, Lowell F., 1117 Satullo, Gaetano, 758 Saux, Pierre, 999 Savage, Rodney W., 182 Sayre, James W., 594 Sbarbaro, John A., 390 Scanlon, Patrick J., 486 Schaefer, Paul S., 888 Schamroth, Leo, 758 Scharff, Norbert, 182 Schelling, Adri, 941 Schenk, David A., 83 Schiebel, Franklin, 921 Schiff, Andrew N., 400 Schiffman, Gerald, 204 Schifman, Ron B., 129

Ruffin, R., 1130

*Ruttenberg, Herbert D., 30 (Sept)

Schillaci, Richard F., 769 Schiller, Nelson B., 381 Schmerber, J., 187 Schneiderman, Henry, 747 Schoenhoff, Deborah D., 176 Schonfeld, Alvin J., 386 Schulman, Edward S., 857 Schulman, Larry L., 569 Schwartz, S., 1129 Sclarovsky, Samuel, 745 Senie, Ruby, 769 Senior, Robert M., 161 Senoo, Yoshimasa, 651 Sepe, Joseph, 863 Serra, Piero, 310 Serruys, Elisabeth, 382 Sesslo, Donald J., 380 Shah, P. K., 447, 686 Shapira, I., 219 Sheldon, Robert S., 937 Shenag, Salwa A., 796 Sherman, Charles B., 1085 *Sherter, Carl B., 19 (Aug) *Shields, Thomas W., 26 (Nov) Shim, Chang, 679, 958 Shimada, Kaoru, 384 Shimokawa, Hiroaki, 377 Shimshak, Robert S., 749 Shin, Myung S., 1098 Shivaram, Urmila, 1108 Shon, Brian Y., 129 Shumway, Norman E., 433 Sider, Lee, 406 Sidhu, Bal, 191 Siegel, Robert E., 1129 Siegelman, Stanbley, 95 Silva, Hugo, 1115 Simmons, M., 494 Simmons, Michael S., 638 Simon, Richard H., 713 Simonton, Charles A., 118 Singal, Krishnan K., 337 Singzon, Jaime, 749 Sintetos, Anthony L., 560 Skrastins, R., 470 Slogoff, Stephen, 836 Slotman, Gus J., 1032 Smekens, L., 757 Smid. David M., 191 Smiell, Janice, 1056 Smimmo, Domenico, 188 Smith, Craig R., 569 Smith, Lewis J., 406 Smith, R. L., 948 Snider, Jr., Dixie E., 383 Snyder, James V., 5 Soejima, Rinzo, 577, 663 Soffer, Alfred, 2, 389 Solak, Hasan, 517 Solak, Mecdet, 517 *Sonnenblick, Edmund, 30 (Oct) Sperber, Robert J., 565 Spier, Sheldon, 313 Spigos, Dimitrios, 77 Spodick, David H., 282, 721, 958 Sprague, Randy S., 1088 Springmeyer, Steven C., 771 Stabile, Michael, 273 Stadnyk, A. N., 385 Stephenson, Alan H., 1088 Stevenson, J. S., 913 Stewart, Ronald D., 900 Stinson, Edward B., 433 Stoller, James K., 839 *Stone, John R., A-20 (July)

1135

Stone, Mary Elizabeth, 418 Stoy, Walt A., 900 Strange, Charles, 367 Strasberg, Boris, 745 Strauss, Gordon D., 273 Strohl, Kingman P., 718 Strong, Russell W., 954 Sudraud, M., 825 Sue, Darryl Y., 832 Sugiura, Tetsuro, 282 Sumi, Masaru, 663 Sunderam, Gnana, 234 Suratt, Paul M., 631, 1053 Suvama, Akiko, 366 Swanson, Michael J., 950 Syabbalo, N. C., 381, 383

Taira, Yuji, 377 Takahashi, Satoshi, 384 Takatsu, Yoshiki, 183 Takeda, Tadanao, 769 Takeshita, Akira, 366, 377 Talavera, Wilfredo, 692 Tallent, M. W., 913 Tanenbaum, Seth R., 573 Tashkin, D. P., 494, 594, 638 Taylor, R., 86 Tazelaar, Henry, 1126 Teramoto, Shigeru, 651 Thachil, John, 943 Theodore, James, 433, 547 Thomas, H., 86 Thomas, Lannie, 234 Thomas, Paul S., 191 Thomsen, J. H., 1018 Thorshauge, H., 188 Thys, Jean-Pierre, 382 Tiep, Brian L., 263 Todisco, Tommaso, 768 Tomlinson, James R., 505 Tonnel, Andre Bernard, 1025 Topol, Eric J., 929 Tovey, Diane A., 40 Townsend, Marie, 618 Troup, Paul J., 369 Trujillo, Maximo H., 63 Tsai, Ying-Huang, 944 Tsuchida, Koki, 1120 Tsukamura, Michio, 1110 Tuchais, E., 825 Turco, Pietro, 188

Uchida, Hatsuzo, 651 Udwadia, Z. F., 567 Umeki, Shigenobu, 663 Uretsky, Barry F., 657 *Utley, Joe R., 23 (Aug) Vacek, James L., 362 Vaisanen, Imma T., 481 Valcke, Y., 572 Valdes, Anita M., 657 van Assendelft, H. W., 277 van de Jagt, E. J., 737 Van De Water, Joseph M., 194 Van de Woestigne, Karel, 475 Van Der Straeten, M., 572 Van Kessel, Antonius L., 418, 433 van Noord, Jan A., 475 Vanachter, O., 1127 Vanhaeverbeek, M., 1127 Ventura, Hector O., 1042 Verbalis, Joseph G., 657 Vevaina, James R., 958 Vilardell, M., 1129 Villar, Ma., 1129 Vincken, W., 757 Vital, Piero, 883 Vogelmeier, C., 946 Voisin, Cyr, 1025 Volpi, Alberto, 381

Wada, Shigehiko, 500 Wade, Claude E., 292 Wadia, N. H., 567 Wagener, Jeffrey S., 1047 Wagner, Douglas P., 423 Wagner, Jr., Henry N., 353 Wakasa, Maki, 366 Walker, Dennis, 192 Wallace, Jeanne Marie, 198 Wallace, Jr., R. J., 382 Wallaert, Benoit, 1025 Wang, Chun-I., 273 Wang, Wen-Jye, 944 Wann, L. Samuel, 27 Wasser, Larry, 692 Wasserman, K., 753 Watson, Alpha J., 335 Watson, Denny D., 371 Wegman, David H., 594 Weill, Hans, 877 Weiman, Darryl S., 783 Weisman, Harlan F., 177 Weiss, A. Teddy, 124 Weissman, Charles, 979 Weissman, David, 177 Welber, Sima, 124 Welgus, Howard G., 161 Wellens, Willy, 475 Werner, Morgan, 110 *West, John B., 24 (Oct) Wetherbee, Jule N., 369

*Whipp, Brian J., 24, 28 Whitson, Michael, 1107 Widmann, Warren D., 1056 Wiebicke, Wolfram, 346 Wiener-Kronish, Jeanine P., 967 Wilcox, Kenneth, 800 Wilcox, P., 18 Wilhoit, Stephen C., 631, 1053 Williams, Jim, 253 Williams, Stephen D., 241 Williams Jr., M. Henry, 679, 958 Williams, Jr., James H., 193 Wiman, Lars-Gosta, 1009 Winokur, Steven, 871 Witte, John J., 383 Wolyvovics, Mendel, 386 Wood, Tom E., 31 Woodhouse, Stanley P., 954 Wu, Song-Chang, 892

Xie, Ding-Quan, 892 Xu, Chang-Wen, 892

Yamada, Manabu, 1120 Yamaguchi, Etsuro, 488 Yamanaka, Mark K., 832 Yamaoka, Shimpachi, 10 Yang, R., 529 Yankaskas, Bonnie C., 213 Yee, Jerry, 751 Yonekura, Yoshiharu, 10 Yuasa, Kazuni, 384 Yui, Yoshiki, 183 Yuksek, Tahir, 517

Zajtchuk, Rostik, 995
Zappasodi, Silvio J., 71
*Zatuchni, Jacob, 21 (Dec)
Zegarelli, Elena C., 923
Zeldis, Steven M., 374
Zeller, James R., 943
Zerhouni, Elias A., 95
Zerpa, Reyes, 63
Zielinski, Jan, 766
Zim, Walter A., 984
Zimmerman, Franklin H., 767
Zinkgraf, Steve, 253
Zinman, Raezelle, 313
*Ziss, Robert C., 26 (Nov)
Zwas, Tzila, 491

^{*}Book review

SUBJECT INDEX

Volume 92 (July-December 1987)

Abdomen, acute, in chylomicronemia, 747 Abscess, lung, catheter drainage of, 213 pyogenic liver, rise and fall of diaphragm, 1083

Accidents, traumatic tricuspid insufficiency, 429

Acetylene, exhalation of, assessment of cardiac output and diffusing capacity, 3, 44 Acid-base equilibrium, in hypercapnia and hypoxemia, 883

Acquired immunodeficiency syndrome, cytomegalovirus pneumonitis in, 198 hypoxemia with normal chest x-ray due to P carinii pneumonia in, 857

pulmonary cryptococcosis in, 692 pulmonary tuberculosis and, 383 tuberculosis and 769

ACTH: See Corticotropin Adenocarcinoma, bronchial, presenting as tonsillar metastasis, 1122

Adenoma, bronchial, 145 Adrenal cortex hormones: See Cortico-

steroids Adrenergic beta receptor agonists, effect of theophylline and, on airway reactivity,

left ventricular failure induced by, 732 with theophylline in COPD, 7S

Adrenergic beta receptor blockaders, hypersomnolence with, 943 sensitivity of treadmill test and, 486

Aerosols: See also Bronchodilators, specific drugs, as Salbutamol

citric acid as smoking cessation aid, 963, 1005 DeVilbiss jet and ultrasonic nebulizers

compared, 991 Africa, treatment of asthma in developing

country in, 381 Aging, significance of tuberculin test in the elderly, 237

AIDS: See Acquired immunodeficiency syndrome

Air, leak in chest tubes, 577

Air pollution, photochemical oxidants, UCLA population studies of COPD,

Airway resistance, measuring in histamine challenge test in children, 313 total, and reactance in upper airway

obstruction, 475 Airways, effect of theophylline and beta, agonists on reactivity of, 15S inflammation, effect of theophylline on,

involvement in ulcerative colitis, 18 isolated segment lavage, technique for, 105 patency during sleep, importance of pharvngeal muscles on, 918

upper, complications of cardiac resuscitation, 287

upper, nasal obstruction and muscle activation in, 1053

Airways obstruction: See also Pulmonary diseases, chronic obstructive

dilation with metered-dose inhaler plus extension, 822

helium/oxygen therapy, 766 in sarcoidosis, 582

nasal, and upper airway muscle activation, 1053

upper, respiratory resistance and reactance in, 475

Alcoholism, pulmonary function in smokers after alcohol withdrawal, 86

Alkaline phosphatase, placental, and lung injury, 961

Allergy: See Hypersensitivity Alpha,-antitrypsin, measuring protease inhibition, 961

Altitude, high, pulmonary edema in Japan, 814

Alveoli: See Pulmonary alveoli Alveolitis: See Pulmonary alveolitis Ambroxol, in chronic bronchitis, 580, 618 Ambulatory care, transthoracic needle bi-

opsy of lung, 676 Amiodarone, pulmonary fibrosis associated with, 625

pulmonary toxicity, 179

Amrinone, dobutamine combined in heart failure, 657

Amyloidosis, alveolar septal, with multiple myeloma, 704

pulmonary, clinical aspects of, 576 pulmonary, complications of transbronchial biopsy in, 367

Aneurysm: See also Aortic aneurysm coronary, ring-calcification of, 1118 dissecting, familial aortic, management,

954 left ventricular, and dilated cardiomyopathy, 377

Angina pectoris, bilateral diffuse infiltrates and, 737

determinants of discharge following coronary bypass surgery, 800 pain-"ischemia" dilemma, 1094

pain of, relation to coronary disease, 739 unstable, coronary arteriographic lesion of, 581, 609

unstable, on pathogenesis of, 581 variant, is parasympathetic nervous system at fault? 963

Angiocardiography, radionuclide, intraventricular masses detected by, 937 Angiography: See also Coronary angiogra-

phy

digital subtraction, in coronary angioplasty, 560

Angioplasty, coronary, acute intervention for MI, 929

transluminal, coronary, digital subtraction angiography in, 560

Animal studies: See Laboratory and animal

Anoxemia, effects of ibuprofen on, in ethchlorvynol-induced lung injury, 1088 hypoxemia due to P carinii pneumonia,

hypoxemia in farmer's lung with normal chest x-ray, erratum, 957

inorganic phosphate in hypoxemic COPD patients during exercise, 310

nocturnal hypoxemia in COPD, 579 nocturnal oxyhemoglobin desaturation in COPD with, 579, 604

severe hypercapnia and hypoxemia, muscle energetics in, 883

snoring, nocturnal hypoxemia and effect of O₂ inhalation, 411

Antiarrhythmia agents, amiodarone-associated pulmonary fibrosis, 625

Antibodies, anti-Scl 70 antibody, pulmonary involvement in systemic sclerosis, 509 Antigens, responses in allergy, effect of neo-

docromil and cromolyn on, 913 Antilymphocyte serum, ARDS following equine ATG therapy, 578

Antineoplastic agents, pulmonary veno-occlusive disease following, 871

Antithrombotic agents: See Fibrinolytic agents

Aorta, thoracic, diagnosis of cervical aortic arch, 766

Aortic aneurysm, familial dissection, management of, 954 monitoring of mixed venous O2 saturation

during surgery for, 796 Aortic arch: See Aorta, thoracic

Aortic stenosis, normal left ventricular wall thickness in, 381

progression of, in adult men, 40 Aortic valve, percutaneous valvuloplasty,

reversible valvulitis in Wegener's granulomatosis, 182

Aortic valve insufficiency, regurgitation, evaluation of cardiac function in, 651

Aortocoronary bypass, determinants of discharge following, 800 growth rate of left atrial myxoma after, 941 preoperative ventricular dysfunction and

risks in, 804 venous admixture to radial artery blood during, 836

Apnea, sleep: See Sleep apnea syndromes Arrhythmia, abnormal chest roentgenogram and, 335

coronary artery spasm with idioventricular rhythm, 183

supraventricular, in acute Q-wave MI, 282 Arteriovenous malformations, between brachiocephalic arteries and systemic veins, 897

Arteriovenous shunt, hemodialysis, heart failure secondary to high output state,

Arthritis, juvenile rheumatoid, restrictive pulmonary defect in Still's disease in adult, 939

rheumatoid, gold-induced pneumonitis and, 277

Asbestos, categorization of workers exposed to, 494

tremolite whitewashing and pleural calcifications, 709 Aspergilloma, in sarcoid and tuberculosis,

392, 505 pulmonary, diagnosed by fiberoptic bron-

choscopy, 948 Aspergillosis, pulmonary, in leukemia, 95

Aspiration biopsy: See Biopsy, needle Asthma, fatal, prevention of, 460

gag reflex in, 1130 histamine challenge test in children, 313 inhaled propranolol in, 455

inspiratory impairment in right ventricular performance during, 789

nomenclature to describe breath sounds in, 346

occupational, due to galvanized metal fumes, 375

occupational, in disability survey, 613 oronasal distribution of ventilation during exercise in, 1037

treatment in developing African country,

Atelectasis, nasal CPAP in, 621

Atelectasis, congestive: See Respiratory distress syndrome, adult

Atenolol, hypersomnolence with, 943 Atrial fibrillation, orthodromic tachycardia,

Atrial flutter, atrial pacing for termination of, 4, 110

Atrial natriuretic peptides: See Natriuretic peptides, atrial

Atrial septal defects, patent foramen ovale complicating heart transplantation, 569 Atrium, intraatrial conduit repair for scimitar syndrome, 1120

left, abnormalities in cardiopathy of obesity, 1042

pacing for atrial flutter, 4, 110 right, failure, atrial septostomy for, 950 right, hypertension, lack of association with pleural effusions, 967

Auscultation: See Respiratory sounds Authorship, abstracts of clinical investigations, format, 389

to publish or not to publish, 1124 what constitutes prior publication? 2 Autonomic nervous system, abnormal function after first MI, 849

Axilla, air, due to rib metastases, 155

Bacteria, biofilms on right heart flowdirected catheters, 440 Bayes theorem: See Probability Beclomethasone, reactions to, 958

Bed, rocking, assisting ventilation in respiratory failure by, 470

Beta adrenergic receptor agonists: See Adrenergic beta receptor agonists Beta adrenergic receptor blockaders: See

Adrenergic beta receptor blockaders Biliary cirrhosis: See Liver cirrhosis, biliary Biopsy, endomyocardial, in diagnosis of intracardiac sarcoma, 177

endomyocardial, in drug-induced left ventricular failure, 732

lung, without fluoroscopy, 187 transbronchial, complications of, in pulmonary amyloidosis, 367

Biopsy, needle Cope and Abrams, pleural, 1050

in diagnosis of bronchogenic carcinoma,

of lung, air embolism complicating, 749 skeletal muscle, in hypercapnia and hypoxemia, 883

transthoracic, of lung, outpatient, 676 Blacks, silica-dust-exposed mine workers

with scleroderma, 260 Blister, giant bulla occupying whole hemi-

thorax, 384 Blood, NK cells in, in carcinomatous and tuberculous pleurisy, 500

radial artery, venous admixture to samples during bypass, 836

theophylline, enzyme assay, 129 Blood circulation, in thoracic vessels, magnetic resonance imaging of, 645

venous, inferior vena caval defects and, 768

venous return and mean circulatory pressure in shock, 906

Blood gases: See also Carbon dioxide; Oxycomparison of analyzers, 418

pulse oximetry for tapering oxygen, 713 Blood pressure, high: See Hypertension

Body weight, loss in sleep apnea, changes after, 631 Boerhaave's syndrome, endoscopic esopha-

geal perforations compared, 995 occult spontaneous esophageal perforation, 562

Bone marrow, medullary erythroid progenitors in polycythemia in COPD, 867 transplantation, prevention of pulmonary edema after, 303

Bookshelf Abernathy CM, Abernathy BB: Surgical Secrets, Jul pA-20

Abrams J: Essentials of Cardiac Physical Diagnosis, Jul pA-24

Baumel H, Deixonne B, eds: Exocrine Pancreatic Cancer, Jul pA-21

Bergan JJ, Yao JST, eds: Vascular Surgical Emergencies, Oct p30

Bergofsky EH, ed: Abnormal Pulmonary Circulation, vol 4, Contemporary Issues in Pulmonary Disease, Sep p30

Berry FA, ed: Anesthetic Management of Difficult and Routine Pediatric Patients, Jul pA-21

British Medical Association: Smoking Out the Barons, Aug pl9

Brown WH III, Brown WH: Issues and Answers in Vascular Surgery, Book 2, Oct p24

Buda AJ, Delp EJ, eds: Digital Cardiac Imaging, Sep p26
Bussman W: Acute and Chronic Heart Failure; Diagnosis and Therapy, Dec

p21 Califf RM, Wagner Galen S, eds: Acute Coronary Care, 1987, Dec p22

Callaghan John C, Wartak Joseph: Open Heart Surgery—Theory and Practice, Dec p27

Chiu RC-J, ed: Bio-mechanical Cardiac Assist Cardiomyoplasty and Musclepowered Devices, Dec p22

Chung EK: Cardiac Arrhythmias, Aug p23 Chung EK: Manual of Cardiac Arrhythmias, Sep p26

Cohen MP, Foa PP: Special Topics in Endocrinology and Metabolism, Nov

Cohn LH, Doty DB, McElvein RB: Decision Making in Cardio-thoracic Surgery, Aug p23

Dantzker DR: Cardiopulmonary Critical Care, Nov p26

Dudley H, Carter D: Rob and Smith's Operative Surgery, 4th ed, Nov p26

Dudley H, Carter DC, Russell RCG, eds: Atlas of General Surgery, 2nd ed, Nov

Ehrly AM, Hauss J, Huch R: Clinical Oxygen Pressure Measurement, Nov p24

Enelow AJ, Swisher SN: Interviewing and Patient Care, ed 3, Jul pA-20

Feigenbaum Harvey. Review of Echocar-diography, 4th ed. Dec p20 Felman AH: Radiology of the Pediatric

Chest, Jul pA-24
Fink JB, Fink AK: Respiratory Therapist

as a Manager, Aug pl9
Fleckenstein A, Van Breemen C, Gross R, Hoffmeister F, eds: Cardiovascular Effects of Dihydropyridine-type Calcium

Antagonists and Agonists, Sep p24 Fraser GE: Preventive Cardiology, Nov

Gerson Myron C: Cardiac Nuclear Medicine, Dec p20

Greenhall R, Jameson C, Nicolaides A, eds: Vascular Surgery; Issues in Current Practice, Dec p20

Grillo HC, Eschapasse H: International Trends in General Thoracic Surgery, Vol 2, Nov p24

Grunebaum M: Differential Diagnosis in Pediatric Radiology, Dec p22

Hallgren B, Levin O, Rossner S, et al, eds: Diet and Prevention of Coronary Heart Disease and Cancer, Aug p22

Halperin JL, Levine R: Bypass, Nov p26 Heath D, ed: Aspects of Hypoxia, Oct p18 Henson Donald E, Albores Saavedra Jorge: The Pathology of Incipient Neoplasia, Dec p18

Hofling B, ed: Current Problems in PTCA, Dec p22 Horstkotte D, Loogen F, eds: Update in

Heart Valve Replacement, Aug pl8 Iskandrian AS: Nuclear Cardiac Imaging, Aug p19

Jacob R, Kenner TH, Scharper W, eds: Controversial Issues in Cardiac Pathophysiology, Oct p30

Jones TC, Mohn U, Hunt RD: Respiratory

System, Sep p26 Kapoor AS, ed: Cancer and the Heart, Oct Kotler MN, Steiner RM, eds: Cardiac Imaging, Sep p24

Levine HJ, Caash H: The Ventricle, Basic and Clinical Aspects, Dec pl8

Lie Hung-Chi, Takao Atsuvoshi, eds: Subpulmonic Ventricular Septal Defect. Proceedings of the Third Asian Congress of Pediatric Cardiology, Nov p20 Logan CM, Rice MK: Logan's Medical and

Scientific Abbreviations, Oct p28 Macklem PT, Mead J, eds: Handbook of Physiology. Section 3: Respiratory System, vol 3: Mechanics of Breathing, Oct n24

Mahler Donald A, ed: Clinics in Geriatric Medicine: Respiratory Diseases, Dec

Marriott Henry JL: Rhythm Quizzes, Self-Assessment, Dec p27

Matthay RA, Matthay MA, Wiedemann H: Annual Review of Pulmonary and Critical Care Medicine, Jul pA-21

McGoon DC, ed: Cardiac Surgery, ed 2. Dec pl8 Mitchell David: Respiratory Medicine Re-

vision, Dec p26

Morganroth J, Frishman WH, Horowitz LN, et al: Cardiovascular Drug Therapy, Oct p30

National Research Council: Environmental Tobacco Smoke, Oct p18

Panush Cohen M: The Polyol Paradigm and Complications of Diabetes, Nov p26 Paul O: Take Heart, Jul pA-21

Pierson DJ, ed: Respiratory Intensive Care, Nov p28

Reiber JHC, Serruys PW, eds: State of the Art in Quantitative Coronary Ar-

teriography, Nov p24 Reiber JHC, Serruys PW, Slager CJ, eds: Quantitative Coronary and Left Ventric-

ular Cineangiography, Nov p20 Risse GB: Hospital Life in Enlightment Scotland: Care and Teaching at the Royal Infirmary of Edinburgh, Dec p22

Roberts AJ, Conti CR, eds: Current Surgery of the Heart, Oct p24

Rogers MC, ed: Textbook of Pediatric Intensive Care, Oct p30

Rowell Loring B: Human Circulation Regulation during Physical Stress, Dec p26 Snyder JV, Pinsky MR, eds: Oxygen Transport in the Critically Ill, Dec p22

Spindola-Franco H, Fish BG: Radiology of the Heart, Aug pl9

Starek Peter JK, ed: Heart Valve Replacement and Reconstruction, Nov p20

Stein JH: Internal Medicine, ed 2, Aug p18

Swischuk LE, Sapire DW: Basic Imaging in Congenital Heart Disease, ed 3, Sep

Taylor KM, ed: Cardiopulmonary Bypass, Aug p22

Vlietstra RE, Holmes DR Jr, eds: PTCA: Percutaneous Transluminal Coronary Angioplasty, Aug p19

Ward AS, Cormier JM: Operative Techniques in Arterial Surgery, Jul pA-21 Wasserman K, Hansen JE, Sue DL, et al.

eds: Principles of Exercise Testing and Interpretation, Oct p30 Weiner DA, Frishman WH, eds: Therapy

of Angina Pectoris, Jul pA-20 West JB: Pulmonary Pathophysiology-The Essentials, ed 3, Oct p24 Wheatley DJ, ed: Surgery of Coronary Artery Disease, Oct p24

Widimsky J, Herger J, Mlczoch J: Pulmonary Circulation in Chronic Lung Diseases, Dec pl8

Wiedemann H, Matthay M, Matthay R, eds: Critical Care Clinics: Acute Lung

Injury, Aug p22 Wilson SE, Veith FJ, Hobson RW, Williams RA: Vascular Surgery, Oct p30 Wylie EJ, Stoney RJ, Ehrenfeld WK, Effeney DJ: Manual of Vascular surgery, vol 2, Oct pl8

Brachiocephalic arteries, malformations between systemic veins and, 897

Brain neoplasms, intracardiac mass in woman with, 337

Branhamella catarrhalis, in pneumococcal pneumonia, therapeutic failure due to,

Breathing: See Respiration

Breathing exercises, in chest physical therару, 190

Breathlessness: See Dyspnea

Bronchi, blockade in bronchopleural fistula, bronchopleural fistulas after pneumonec-

tomy, 1056 ciliary beat frequency and mucociliary

clearance, 491 cyst, arrhythmias and abnormal chest roentgenogram in, 335

dilation, rationale for use of theophylline in COPD, Jul suppl, 1S-51S

hyperresponsiveness to methacholine in asthma, inhaled propranolol in, 455 reactions to constrictor drugs, 958 tubes for threatening hemoptysis, 1108

Bronchial artery, embolization for hemoptysis in pulmonary tuberculosis, 77

Bronchial biopsy: See Biopsy Bronchial neoplasms: See also Carcinoma,

bronchogenic adenocarcinoma presenting as tonsillar metastasis, 1122

adenoma, 145 HpD-PDT for, 767

papillomas of various origins, 132 squamous carcinoma with rib metastases,

Bronchial provocation tests, histamine challenge test in children, 313

Bronchiolitis, obliterans lung immunogenicity, rejection and, 547

Nocardia asteroides infection of lung and,

Bronchitis, chronic, ambroxol in, 580, 618 chronic, effect of hydration on sputum production in, 679

Bronchoalveolar lavage: See Lavage Bronchodilators: See also Aerosols; specific drugs, as Salbutamol metered-dose inhaler plus extension, 822

theophylline as, in COPD, 7S Bronchoscopy, fiberoptic

broken brush during, 188 bronchial blockade in bronchopleural

fistula, 944 in diagnosis of multiple primary lung cancers, 892

indications for, 385

pulmonary aspergilloma diagnosed by, 948 technique for isolated airway segment lavage, 105

Bulla: See Blister

Calcification, pleural, and tremolite whitewashing, 709

ring, of coronary aneurysm, 1118

Cancer: See Neoplasms Cannabis, respiratory effects of cocaine "freebasing" among marijuana users, 638

Cannula: See Catheter; Catheterization; In-

Carbon dioxide: See also Hypercapnia arterial minus end-tidal gradient, effect of PEEP on, 451

end-tidal Pco₂ and dead space/tidal volume in respiratory failure, 832

rebreathing in exercise, measuring cardiac output by, 777

Carbon monoxide, exhalation of, assessment of cardiac output and diffusing capacity, 3, 44

Carcinoma, NK cells in carcinomatous and tuberculous pleurisy, 500

squamous cell, bronchus, with rib metastases, 155

Carcinoma, bronchogenic cytotoxic cell function in, 90 needle aspiration in diagnosis of, 83 yellow nail syndrome and, 191

Carcinoma, small cell, lung and atypical diabetes insipidus, 753

isoenzyme pattern of enolase and creatine kinase in, 189 postchemotherapy resection of residual

tumor, 241 Cardiac: See Heart

Cardiac output, comparison of 2 thermodilution systems, 926

heart failure secondary to high state of, 1117

measuring by CO, rebreathing in exercise,

rest and exercise, assessment of, 3, 44 support by high-frequency jet ventilation,

Cardiomyopathy, hypertrophic and left ventricular aneurysm, 377 and myocardial ischemia with normal coronary arteries, 371

Cardiopulmonary: See Heart; Lung; Pulmo-

Cardiopulmonary bypass, venous admixture to radial artery blood during, 836 Cardiopulmonary diseases, cutaneous signs:

See Cutaneous signs Cardiopulmonary medicine, today's practice

acute intervention for MI, 929 interstitial pulmonary disease, 1068 percutaneous aortic valvuloplasty, 326 ventricular tachycardia, 157

Cardiopulmonary resuscitation: See Resuscitation

Cardiotonic agents, left ventricular failure treated with inotropic agents, 118

Cardiovascular system, favorable effects of theophylline in COPD on, 22S Cartilage, variant of adenomatoid malforma-

tion of lung, 514

Catecholamine, myocarditis, in drug-induced ventricular failure, 732 Catheter, drainage of lung abscesses, 213

drainage of pericardium, 1018 pulmonary artery, in MI, assessment of use of, 721, 727

right heart flow-directed, biofilms on, 440 subclavian, air embolism and pulmonary

edema after removal of, 364

Swan-Ganz, balloon rupture and ring displacement from, 192

Catheterization, right subclavian artery cannulation and chest x-ray, 921

Cells, BAL, analysis in interstitial lung disease, 771, 839

Cephalosporins, in pneumonia, 390, 531 Charcot-Marie-Tooth disease: See Muscular atrophy

Chest, editorial board, new members, 9 Chest, esophagus, neglected organ in? 774 giant bulla occupying whole hemithorax,

injuries, flail chest, and surgical absence of sternum, 185

MR imaging of thorax, 1 on use of tubes, 959

physical therapy, breathing exercises in,

tubes, air leak in, 577

Chest medicine, risk-benefit analysis in hyperbaric oxygen, 1074 kingdom of near-dead, 330

Chest roentgenography, abnormal, and arrhythmias, 335

can reveal emphysema but not COPD, 8 lung imaging, 353

multiple primary lung cancers, 892 normal in *P carinii* pneumonia, 857 normal with hypoxemia in farmer's lung,

erratum, 957 what is wrong with this one? 921

Cholesterol, in pleural effusions, 296 Chromatography, whole blood theophylline enzyme assay, 129

enzyme assay, 129 Chylomicrons, chylomicronemia syndrome with eruptive xanthomas, 747

Cigarettes: See Smoking

Cilia, ciliary beat frequency and mucociliary clearance, 491

theophylline and mucociliary clearance, 38S Citric acid, aerosol as smoking cessation aid,

963, 1005

Clavicle, Gorham's disease of, 189 Cocaine, fatal heart failure and hemochromatosis in user, 374 MI and, 767

respiratory effects of "freebasing," 638 Colitis, ulcerative, airway involvement in, 18 College: See also Scientific Assembly

ACCP medical personnel, Jul pA-28, Aug p25, Sep p36, Oct p34, Nov p34, Dec p34

Council on Critical Care, evaluating sepsis, 137

physiology and management of shock, 906 section report, echocardiography in left ventricular hypertrophy, 923 section report, management of acute MI,

550 section report, resistant hypertension, 1096

Computed tomography, X-ray: See Tomography, X-ray computed

Computers, microprocessor exercise system vs nonautomated one, 696

vs nonautomated one, 696
Conferences, international symposium on lung sounds, proceedings, 342

COPD: See Pulmonary diseases, chronic obstructive

Cor pulmonale, in COPD, assessing, 10 pulmonary vasodilator for COPD and, 71 responsiveness of pulmonary hyperten-

sion to oxygen and survival in, 387, 393 Coronary angiography, in unstable angina, 581, 609

Coronary artery, angioplasty, acute intervention for MI, 929

normal, hypertrophic cardiomyopathy and myocardial ischemia with, 371 occlusion, digital subtraction angiography

in angioplasty of, 560 ring-calcification of aneurysm of, 1118 triple-vessel spasm, 183

Coronary artery bypass: See Aortocoronary bypass

Coronary artery vasospasm: See Coronary vasospasm

Coronary disease: See also Aortocoronary bypass

after IV dipyridamole thallium imaging, 1102

anginal pain relation to, 739

beta blockers and sensitivity of treadmill test, 486

inspiratory mechanics in, 984

Coronary vasospasm, diffuse triple-vessel, 183

variant angina, 964

Corticosteroids, in interstitial lung disease, 1, 31

Corticotropin, serum cortisol response to, in ICU patients, 292

Cortisol, serum, response to ACTH in ICU patients, 292

Costs, advances in prospective payment for pulmonary patients, 773 long-term ventilator care, 196, 536

reduction efforts in TB laboratory, 1128 Cough, in high-altitude pulmonary edema in Japan, 814

mediastinal mass and, 529

Creatine kinase, isoenzyme pattern of, in lung cancer, 189

Critical care, control of postoperative pain, 520

evaluating sepsis, Council report, 137 management of shock, 906

Critical issues in clinical care, coronary disease relation to anginal pain, 739 pain-"ischemia" dilemma, 1094

Cromolyn sodium, effect on antigen-induced responses in allergy, 913

Cryptococcosis, pulmonary, in AIDS, 692 Cutaneous signs, blush from the heart, 360 eruptive abdominal pain, 747 spotting heart disease, 935

Cystic fibrosis, tobramycin in, 844 variable weight training in, 273

Cysts, bronchogenic, arrhythmias and abnormal chest roentgenogram in, 335 pneumatocele formation in pneumonia, 717

Cytomegaloviruses, pneumonitis in AIDS patients, 198

Cytotoxic T lymphocytes: See T Lymphocytes, cytotoxic

Diabetes insipidus, atypical, in lung cancer, 753

Diabetes mellitus, autonomic function after first MI in diabetics, 849

Diagnosis-Related Groups, long-term ventilator care, 196, 536

prospective payment for pulmonary patients, 773

Diaphragm, effect of theophylline on function of, 27S rise and fall of, from liver abscess, 1083

Diaphragmatic hernia: See Hernia

Diffusing capacity: See Pulmonary diffusing capacity

Dilatation, transluminal arterial: See Angioplasty

Dipyridamole, thallium imaging, IV, myocardial ischemia after, 1102 Disability evaluation, survey, occupational

asthma in, 613

Dobutamine, amrinone combined in heart failure, 657

Doxycycline, bronchial blockade in bronchopleural fistula, 944

Drainage, catheter, in lung abscesses, 213 catheter, of pericardium, 1018

Dressler syndrome, syndrome like, after pulmonary embolism, 115

Drug abuse: See Substance abuse Drug evaluation, rigorous, 580

Drug hypersensitivity, amiodarone, pulmonary, 179, 625

bronchoconstrictor drugs, reactions to, 958

catecholamine, myocarditis, 732

ethchlorvynol, lung injury, 1088

flecainide-induced ventricular tachycardia, 573

gold-induced pneumonitis, 277 nalbuphine, pulmonary edema after anesthesia, 385

sulfasalazine, hypersensitivity pneumonitis, 572

theophylline, atrial tachycardia, 770 Dysphagia, mediastinal mass and, 529 Dyspnea, in COPD, theophylline for, 2S

in high-altitude pulmonary edema in Japan, 814

Echocardiography, detection of cardiac thrombi in pulmonary embolism, 23 detection of left ventricular hypertrophy,

exercise Doppler, in isolated mitral stenosis, 27

normal left ventricular wall thickness in aortic stenosis, 381

traumatic tricuspid insufficiency, 429

2-D, assessment of right ventricle in COLD, 229

2-D, in multiple pulmonary thromboembolism, 171

2-D, in nonbacterial thrombotic endocarditis, 176

Edema: See Pulmonary edema

Education, medical, continuing, bureaucratic imperative in, 965

Effusion: See Pericardial effusion; Pleural effusion

Electric countershock, constrictive pericarditis associated with patch electrodes, 369

for ventricular tachycardia, 157

Electrocardiogram of month, Wenckebach block in MI, 745

Electrocardiography, standard limb lead QRS concordance during wide QRS tachycardia, 763

Electrodes, implanted, benefit of steroid electrode, 1112

implanted, patch, constrictive pericarditis associated with, 369

Embolism, air complicating transbronchial biopsy, 367

venous, pulmonary edema caused by, 364 Embolism, pulmonary: See Pulmonary emholism

Embolization, bronchial arterial, for hemoptysis in pulmonary tuberculosis, 77

Emergencies, prevention of fatal asthma, 460 Emphysema, chest films can reveal, 8 in intravenous methylphenidate abusers,

Emphysema, mediastinal: See Mediastinal emphysema Empyema, childhood, treatment in Turkey,

517 Endocarditis, bacterial, Osler's nodes in diagnosis of, 751

nonbacterial thrombotic, 176

Endoscopy, comparison of esophageal perforations from, with Boerhaave's syndrome, 995

Enolase, isoenzyme pattern of, in lung cancer, 189

Environmental pollutants, variability in assessment of lung function, 877

Eosinophilia, pulmonary: See Pulmonary eosinophilia

Eosinophilic pneumonia: See Pulmonary eosinophilia

Eosinophils, in pulmonary fibrosis, prog-nostic role of, 7, 51 Equipment and supplies, comparison of

blood gas analyzers, 418 microprocessor exercise system vs nonautomated one, 696

Erythropoietin, serum and urine, in polycythemia in COPD, 867

Esophageal perforation, endoscopic, compared to Boerhaave's syndrome, 995 occult spontaneous, 562

Esophagus, neglected chest organ? 774 self-dilation, pneumomediastinum after,

Ethambutol, tuberculous pleural effusion treated with rifampin and, 904

Ethchlorvynol, lung injury induced by, 1088 Exercise, after heart-lung transplant, cardiopulmonary function and, 433

assessment of cardiac output and diffusing capacity, 3, 44

circulating atrial natriuretic peptides during, in respiratory failure, 769 control of pacemaker rate, 194, 247

echocardiography in isolated mitral stenosis, 27

inorganic phosphate in hypoxemic COPD patients during, 310

maximal, ventilation, predicting in COPD, 195, 253

microprocessor physiology systems vs nonautomated system, 696 oronasal distribution of ventilation during,

1037 performance in pulmonary hypertension,

periodic breathing during, in heart failure, 555

training after MI, 933

Exercise and the heart, exercise test and high risk patient, 741 exercise training after MI, 933

myocardial ischemia after IV dipyridamole thallium imaging, 1102

periodic breathing in heart failure, 555 Exercise test, beta blockers and sensitivity of thallium treadmill test, 486 identification of high risk patient, 741

measuring cardiac output by CO₂ rebreathing in, 777 microprocessor physiology vs nonauto-

mated system, 696 stair climbing as pulmonary function test,

Expectorants, ambroxol in bronchitis, 580,

Expiratory flow rates: See Forced expiratory flow rates

Extrasystole, ventricular, distribution of, 758 Exudates and transudates, cholesterol in pleural effusions, 296

Farmer's lung, severe hypoxemia and normal chest x-ray in, erratum, 957

Fever, zinc fume, pulmonary involvement in,

Fiberoptic bronchoscopy: See Bronchoscopy, fiberoptic

Fibrinolytic agents, acute intervention for MI. 929 prehospital coronary, in acute MI, 124

Fibrocystic disease of pancreas: See Cystic fibrosis

Fibronectins, concentration in pleural effusions, 1129

Fibrosis: See Cystic fibrosis; Pulmonary fibrosis Fistula, bronchopleural, after pneumonec-

tomy, 1056 bronchopleural, bronchial blockade in, 944

Flecainide, ventricular tachycardia sustained by, 573

Fluoroscopy, lung biopsy without, 187 Foramen ovale, patent: See Atrial septal

Forced expiratory flow rates, in normal subjects, 825

Foreign bodies, broken brush during fiberoptic bronchoscopy, 188 bronchial papillomas of various origins,

Furosemide, colloid osmotic pressure in pulmonary edema clearance with, 540 nitroglycerin and morphine compared in pulmonary edema, 586

Gag reflex: See Reflex

Glioma, pulmonary veno-occlusive disease following therapy for, 871 Glyceryl trinitrate: See Nitroglycerin

Gold, pneumonitis induced by, and rheumatoid arthritis, 277

Gorham's disease: See Osteolysis, essential Granuloma, pulmonary Hodgkin's disease and Langerhans' cell granulomatosis,

Hair preparations, hypersensitivity pneumonitis in hairdresser, 577

Hamartoma, congenital adenomatoid malformation of lung, 514 Heart, function at exercise after heart-lung

transplant, 433 function, evaluation of, in aortic regurgita-

tion, 651 thrombi, in pulmonary embolism, detect-

ing. 23 treatment of cardiogenic pulmonary edema, 481

Heart and exercise: See Exercise and the heart (column) Heart arrest, complications of resuscitation, 287

prognostic impact of ICU management of tetanus, 63

Heart block, benefit of steroid electrode, 1112

Wenckebach, in MI, 745

Heart catheterization: See Catheter Heart diseases, ischemic and valvular, inspiratory mechanics in, 984

of obesity, left atrial abnormalities and diastolic ventricular dysfunction, 1042 spotting, 935

Heart enlargement, left ventricular, echocardiographic detection of, 923

Heart failure, dobutamine and amrinone combined in, 657

left ventricular, drug-induced, 732 left ventricular, survival in, 118

periodic breathing during exercise in, 555 progressive, secondary to high output state, 1117

right ventricular, atrial septostomy for, 950 Heart failure, congestive

dependence of oxygen consumption on O2 delivery in, 447

determinants of discharge following coro-

nary bypass, 800 fatal, and hemochromatosis, 374 magnetic resonance imaging of thoracic circulation in, 645

Heart function tests: See Exercise test Heart-lung transplantation, cardiopulmonary function at exercise after, 433

lung immunogenicity, rejection and bronchiolitis, 547

Heart neoplasms, growth rate of left atrial myxoma, 941

in woman with history of brain tumor, 337 intraventricular, radionuclide angiocardiography in detection, 937

malignant primary, Cleveland Clinic experience, 860

metastatic melanoma presenting as right ventricular obstruction, 362 sarcoma diagnosed by biopsy, 177

Heart rupture, in acute MI, 219 Heart surgery: See also Aortocoronary by-

aortic, monitoring of mixed venous O2 saturation during, 796

diaphragm paralysis treated with cuirass ventilation, 683

valvular, effect on lung function in mitral stenosis, 224 Heart transplantation, patent foramen ovale

complicating, 569

periodic breathing during exercise in heart failure, reversal with, 555 Heart valves: See also Aortic valve

inspiratory mechanics in diseases of, 984 Helium, oxygen with, therapy, 766 Hemangioendothelioma, intracardiac mass

in woman with brain tumor, 337 Hematocrit, whole blood theophylline en-

zyme assay, 129 Hematoporphyrin photoradiation: See Pho-

tochemotherapy Hemochromatosis, idiopathic, and fatal heart failure in cocaine user, 374

Hemodialysis, fistulas, heart failure secondary to high output state, 1117

Hemodynamics, combined dobutamine and amrinone in heart failure, 657 progression of aortic stenosis in men, 40 Hemoptysis, management of, in pulmonary

1141

tuberculosis, 77

threatening, bronchial tubes for, 1108 Hemorrhage, mediastinal, complications of

cardiac resuscitation, 287 pulmonary, complicating transbronchial

biopsy, 367 Hernia, diaphragmatic, Bochdalek, in adult, 1098

Histamine, challenge test in children, 313 Histiocytoma, fibrous, pulmonary artery obstruction due to, 173

Histocompatibility antigens, association of HLA-DR with sarcoidosis, 488 Histocompatibility complex: See Major his-

tocompatibility complex

Hodgkin's disease, pulmonary, and Langerhans' cell granulomatosis, 191 pulmonary veno-occlusive disease following therapy for, 871

Home care, monitoring for SIDS, need to test, 1125

Hyperbaric oxygenation, for air embolism from lung biopsy, 749

therapy in search of diseases, 1074 Hypercapnia, determinants of, in sleep apnea, 772, 807

severe hypoxemia and, muscle energetics in, 883

Hypersensitivity, effect of neodocromil and cromolyn on antigen-induced responses in, 913

Hypersensitivity, respiratory: See Respiratory hypersensitivity

Hypersomnia: See Sleep disorders Hypertension, echocardiography in left

ventricular hypertrophy with, 923 left atrial abnormalities in cardiopathy of obesity, 1042

resistant, section report, 1096 right atrial, lack of association with pleural effusions, 967

Hypertension, pulmonary lack of association of pleural effusions with, 967

nifedipine in, 400

normal lung perfusion scan with thromboembolism, 565

primary, exercise performance in, 57 primary, prostaglandin E₁ in, 686 responsiveness to oxygen, 387, 393 shortened life in, kingdom of near-dead,

shortened life in, kingdom of near-dead, 330 Hypotheses (column), lung immunogenicity

and obliterative bronchiolitis, 547
Hypoventilation, alveolar, nasal positive

pressure breathing for, 952 determinants of hypercapnia in sleep apnea, 772, 807

obesity syndrome, ties to sleep apnea, 772 Hypoxemia: See Anoxemia

Ibuprofen, effects on hypoxemia of lung injury, 1088

Idiopathic hypertrophic subvalvular stenosis: See Cardiomyopathy, hypertrophic

Immunodeficiency syndrome, acquired: See Acquired immunodeficiency syndrome Infarction: See Myocardial infarction

Infection, early methylprednisolone for septic syndrome and ARDS, 1032 evaluating sepsis in critically ill patients, 137

Inhalation provocation tests: See Bronchial provocation tests

Inhalers: See Aerosols

Injections, intravenous methylphenidate, emphysema in abusers, 1085

Inotropic agents: See Cardiotonic agents Inspiratory capacity: See Lung volume measurements

Inspiratory reserve volume: See Lung volume measurements

Intensive care units, identification of low-risk monitor admissions to, 423 impact on prognosis of tetanus, 63

serum cortisol response to ACTH in patients in, 292 Intubation: See also Catheter; Catheteriza-

tion air leak in chest tubes, 577

bronchial tubes for threatening hemoptysis, 1108

chest, on use of, 959

intratracheal, lighted stylet to confirm placement, 900 intratracheal, occlusion of tube, 1129

intratracheal, occlusion of tube, 1129 new tube for single lung ventilation, 761

Isoniazid, tuberculous pleural effusion treated with rifampin and, 904

Journals, abstracts of clinical investigations, format, 389 peer review in, 1124 risk-benefits of peer-review, 958 to publish or not to publish, 1124 what constitutes prior publication? 2

Ketanserin, new serotonin S₂-receptor blocker, 863

Killer cells, natural

activity in lung cancer, 1022 in carcinomatous and tuberculous pleurisy, 500 in sarcoidosis, 1127

Laboratories, TB, cost-reduction efforts in, 1128

Laboratory and animal studies, colloid osmotic pressure in pulmonary edema, 540

effect of nedocromil and cromolyn on antigen-induced responses, 913

ethchlorvynol-induced lung injury, 1088 Lactates, metabolism in hypercapnia and hypoxemia, 883

Langerhans' cell, granulomatosis and pulmonary Hodgkin's disease, 191

Lavage, isolated airway segment, technique for, 105

Lavage, bronchoalveolar cell analysis in interstitial lung disease, 771, 839

in hypersensitivity pneumonitis, 572 in Sjögren's syndrome, lymphocyte subpopulations in, 1025

NK cells in, in sarcoidosis, 1127 prognostic role of eosinophils in pulmo-

nary fibrosis, 7, 51 Leg, venography, therapy of pulmonary embolism using, 1105

Length of stay, determinants of, following coronary bypass surgery, 800

Leopard syndrome, spotting heart disease, 935 Leukemia, acute, pulmonary aspergillosis

in, 95 Lidocaine, for flecainide-induced sustained

ventricular tachycardia, 573 Lighting, stylet to confirm endotracheal tube placement, 900

Liposarcoma, mediastinal, with dysphagia and cough, 529

Liver abscess, pyogenic, rise and fall of diaphragm, 1083

Liver cirrhosis, biliary, with interstitial lung fibrosis, 766 Longevity, failure to predict survival in

COPD, 971 kingdom of near-dead, primary pulmonary

hypertension, 330
Lung: See also Cardiopulmonary; Pulmonary; Respiratory

adenomatoid malformation of, cartilaginous variant of, 514

amiodarone toxicity, 179

clinical assessment of water in, 319 ethchlorvynol-induced injury of, 1088

imaging, 353 immunogenicity, rejection, and oblit-

erative bronchiolitis, 547 inflammation, extracellular matrix injury

during, 161 injury, placental alkaline phosphatase and,

961
normal perfusion scan with thromboem-

bolism, 565 outpatient transthoracic needle biopsy of,

outpatient transthoracic needle biopsy of, 676 parenchyma, CT of, and pulmonary func-

tion test, 406 single, new tube for ventilation of, 761

Lung biopsy: See Biopsy
Lung disease, interstitial: See Pulmonary

fibrosis
Lung sounds: See Respiratory sounds

Lung transplantation: See Heart-lung transplantation

Lung volume measurements, alterations in ventilation pattern and ratio of deadspace to tidal volume, 1013

end-tidal Pco₂ and dead space/tidal volume in respiratory failure, 832

respiratory resistance and reactance in upper airway obstruction, 475

Lymphadenitis, tuberculous pleural effusion and, rifampin regimen for, 904

T Lymphocytes, cytotoxic, function in bronchogenic carcinoma, 90 subpopulations in BAL in Sjögren's syn-

drome, 1025

T Lymphocytes, suppressor: See Suppressor

cells

Lymphogranuloma, malignant: See Hodgkin's disease

Lymphoma, lymphoplasmacytoid, and angina pectoris, 737

Magnetic resonance, imaging of thoracic vessel blood flow, 645 imaging of thorax, 1

metastatic melanoma of heart, 362

proton, in interstitial lung disease, 1, 31 Major histocompatibility complex, high-risk, rheumatoid arthritis, gold-induced pneumonitis and, 277

Malignant carcinoid syndrome, blush from, 360

Marijuana: See Cannabis

Mediastinal emphysema, pneumomediastinum after dilation of esophagus, 757

Mediastinal neoplasms, liposarcoma with dysphagia and cough, 529

Medical imaging (column), Bochdalek hernia of diaphragm, 1098 Melanoma, metastatic, presenting as right ventricular obstruction, 362

Men, progression of aortic stenosis in, 40 Metabolism, changes during weaning from mechanical ventilation, 979

Metals, galvanized, occupational asthma due to fumes of, 375

Metastatic neoplasms, atypical diabetes insipidus in lung cancer, paraneoplastic syndrome or? 753

melanoma presenting as right ventricular obstruction, 362

rib, from squamous carcinoma of bronchus, 155

talc pleurodesis in pneumothorax of, 576 tonsillar, bronchial adenocarcinoma presenting as, 1122

Methacholine, asthma with bronchial hyperresponsiveness to, inhaled propranolol in, 455

Methane, exhalation of, assessment of cardiac output and diffusing capacity, 3, 44 Methylphenidate, emphysema in intravenous abusers, 1085

Methylprednisolone, early, for septic syndrome and ARDS, 1032

Methylxanthines, left ventricular failure induced by, 732

Milrinone, reversal of periodic breathing during exercise, 555

Mining, silica-dust-exposed mine workers with scleroderma, 260

Mitral stenosis, effects of valvular surgery on lung function in, 224

isolated, exercise echocardiography in, 27 Monitoring, continuous, in acute pulmonary failure, 467

continuous, of mixed venous O₂ saturation during aortic surgery, 796

home, for SIDS, need to test, 1125 Morphine, nitroglycerin and furosemide compared in pulmonary edema, 586

Compared in pulmonary edema, 586

Mortality, serum cortisol response to ACTH

correlated with, 292

Mucociliary clearance: See Cilia Mucolytic agents: See Expectorants Mucoviscidosis: See Cystic fibrosis

Muscles, pharyngeal, and airway patency during sleep, 918

skeletal, energetics in hypercapnia and hypoxemia, 883 upper airway, nasal obstruction and activa-

tion of, 1053 Muscular atrophy, Charcot-Marie-Tooth disease and respiratory failure, 957

Mycobacterium fortuitum, ofloxacin for pulmonary disease due to, 1110

Myeloma, multiple, alveolar septal amyloidosis with, 704

Myocardial infarction, acute intervention for, 929

cocaine and, 767 Dressler-like syndrome after, 115 exercise test for high risk patient, 741 exercise training after, 933

left ventricular dysfunction and coronary bypass risks, 804

Myocardial infarction, acute assessing use of pulmonary artery catheters in, 721, 727 cardiac rupture in, 219

current practice patterns in management of, 550

first, autonomic function after, 849 prehospital coronary thrombolysis in, 124 Q-wave, supraventricular arrhythmias in, 282

Wenckebach block in, 745

Myocarditis, catecholamine, in drug-induced ventricular failure, 732

Myocardium, bridging, malignant course of, 1113

ischemia, hypertrophic cardiomyopathy and, with normal coronary arteries, 371 Myxoma, left atrial, growth rate of, 941

Nails, yellow nail syndrome and bronchial carcinoma, 191

yellow nail syndrome and pericardial effusion, 366

Nalbuphine, pulmonary edema after anesthesia using, 385

Narcotics, control of postoperative pain, 520 Natriuretic peptides, atrial, circulating, in respiratory failure, 769

Natural killer cells: See Killer cells, natural Necrosis, radiation, affecting ventilation during sleep, 567

Neodocromil sodium, effect on antigen-induced responses in allergy, 913

Neoplasms: See also Brain neoplasms; Bronchial neoplasms; Carcinoma; Heart neoplasms; Histiocytoma; Mediastinal neoplasms; Metastatic neoplasms; Myeloma; Pulmonary neoplasms

cholesterol in pleural effusions, 296 pulmonary veno-occlusive disease following therapy for, 871

Neutrophils, suppressor subset in Sjögren's syndrome with alveolar neutrophilia, 1025

Nifedipine, in pulmonary hypertension, 400 pulmonary vasodilator for COPD, 71

Nitroglycerin, morphine and furosemide compared in pulmonary edema, 586 pulmonary vasodilator therapy for COPD,

Nocardia asteroides, infection of lung and bronchiolitis obliterans, 1107

Nose, obstruction and airway muscle activation, 1053

Nuclear magnetic resonance: See Magnetic resonance

Obesity, changes after weight loss in sleep apnea, 631 determinants of hypercapnia in sleep apnea, 772, 807

hypoventilation and, ties to sleep apnea, 772

left atrial abnormalities in cardiopathy of, 1042

Occupational diseases, alveolitis in quartzexposed humans, 1061 asthma due to galvanized metal fumes, 375

asthma in disability survey, 613 categorization of asbestos-exposed workers, 494

hypersensitivity pneumonitis in hairdresser, 577

pulmonary, in zinc fume fever, 946 silica-dust-exposed mine workers with scleroderma, 260

variability in assessment of lung function, 877 Ofloxacin, for *Mycobacterium fortuitum* pul-

monary disease, 1110
Osler's nodes, in diagnosis of infective endocarditis, 751

Osmolar concentration, colloid, in pulmo-

nary edema, 540

Osteolysis, essential, Gorham's disease of clavicle, 189

Oxidants, photochemical, lung function changes in COPD and, 594

Oximetry, pulse, for tapering oxygen, 713 real-time dual titration of CPAP by, 853

Oxygen, arterial tensions in COPD and nocturnal oxyhemoglobin desaturation, 579, 604

mixed venous saturation during aortic surgery, monitoring of, 796

noninvasive measurements, intra-subject variability of, 1047 pulmonary vasodilator therapy for COPD,

Oxygen consumption, dependence on O₂ delivery in heart failure, 447

Oxygen, hyperbaric: See Hyperbaric oxygenation

Oxygen inhalation therapy, delivery in heart failure, dependence of oxygen consumption on, 447

effect on snoring and nocturnal hypoxemia, 411

helium with, 766

in cardiogenic pulmonary edema, 481 O₂-conserving devices in chronic lung disease, 263

pulse oximetry for tapering, 713 responsiveness of pulmonary hypertension to, 387, 393

Oxyhemoglobins, nocturnal desaturation in COPD, 579, 604

Pacemaker, atrial, for termination of atrial flutter, 4, 110

benefit of steroid electrode, 1112 control of rate, 194, 247

Pain, anginal, relation to coronary disease, 739

eruptive abdominal, in chylomicronemia, 747

"ischemia" dilemma, 1094 postoperative, control of, 520

Paint, spray, pulmonary function abnormalities in intentional inhalation of, 100

Pancreatic cystic fibrosis: See Cystic fibrosis Papilloma, bronchial, of various origins, 132 Parasympathetic nervous system, is it at fault in variant angina? 963

Peer review, in medical journals, 1124 risk-benefits of, 958

Pericardial effusion, catheter drainage of, 1018

yellow nail syndrome and, 366
Pericarditis, constrictive, associated with patch electrodes, 369

Dressler-like syndrome after pulmonary embolism, 115

Pharyngeal muscles: See Muscles Pharynx, changes in, after weight loss in sleep apnea, 631

gag reflex in disease, 1130 Phlebography, pulmonary embolism therapy

using leg venography, 1105
Phosphates, inorganic, in hypoxemic COPD

patients during exercise, 310
Photochemotherapy, HpD-PDT for bronchial cancer, 767

Photodynamic therapy: See Photochemotherapy

Physical therapy, chest, breathing exercises in, 190

Pigmentation disorders, leopard syndrome,

935

Pipemidic acid, serum theophylline level and, 663

Placenta, alkaline phosphatase and lung injury, 961 Plethysmography, impedance, control of

pacemaker rate, 194, 247

Pleura, biopsy with Cope and Abrams needles, 1050

bronchial blockade in bronchopleural fistula, 944

bronchopleural fistulas after pneumonectomy, 1056

calcifications and tremolite whitewashing, 709

talc pleurodesis in metastatic pneumothorax, 576

Pleural effusion, amiodarone toxicity presenting as, 179

cholesterol in, 296

fibronectin concentration in, 1129 Gorham's disease of clavicle with, 189 lack of association with pulmonary and atrial hypertension, 967

NK cells in carcinomatous and tuberculous pleurisy, 500

treatment of childhood empyema in Turkey, 517

tuberculous, and lymphadenitis, 904 yellow nail syndrome and bronchial carcinoma, 191

Pleurisy, carcinomatous and tuberculous, NK cells in, 500

Pneumatocele, formation in adult pneumonia, 717

Pneumococcal infections, vaccine in COPD, 193, 204

Pneumomediastinum: See Mediastinal emphysema

Pneumonectomy, bronchopleural fistulas after, 1056

Pneumonia, adult, pneumatocele formation in, 717

cephalosporins in, 390, 531

lobar, pneumococcal, therapeutic failure due to *Branhamella*, 382

Pneumocystis carinii, hypoxemia with normal chest roentgenogram due to, 857 Pneumonia, eosinophilic: See Pulmonary eosinophilia

Pneumonia, hypersensitivity: See Respiratory hypersensitivity

Pneumonia, interstitial: See Pulmonary fibrosis

Pneumonia, pneumococcal: See Pneumonia, lobar

Pneumonitis, cytomegalovirus, in AIDS patients, 198

Pneumonitis, hypersensitivity: See Respiratory hypersensitivity

Pneumonitis, interstitial: See Pulmonary fibrosis

Pneumothorax, metastatic, talc pleurodesis in, 576

on use of chest tubes, 959 smoking and increased risk of, 1009 Polycythemia, in COPD, 867

Positive airway pressure, continuous effect on residual and vital capacity, 66 in cardiogenic pulmonary edema, 481 nasal, in atelectasis, 621 titration by oximetry, 853

Positive end-expiratory pressure, effect on end-tidal CO₂ gradient, 451 inverse ratio ventilation, PEEP in disguise? 390

right ventricular function during, 999 Positive pressure respiration, intermittent, in respiratory insufficiency, 168 nasal, for alveolar hypoventilation, 952

Postoperative care, effect of CPAP on residual and vital capacity, 66

Postoperative complications, bronchopleural fistulas after pneumonectomy, 1056 pain, control of, 520

Pressure, diaphragm paralysis treated with cuirass ventilation, 683

Probability, Bayesian theory in preoperative diagnosis of pulmonary lesions, 888 exercise test for high risk patient, 741 identification of low-risk monitor admissions to ICUs, 423

left ventricular dysfunction and coronary bypass risks, 804

Prognosis, failure to predict survival in COPD, 971

Propranolol, hypersomnolence with, 943 inhaled, in asthma, 455

Prostaglandins E, E₁, in primary pulmonary hypertension, 686 Protease inhibitors, measuring inhibition,

961 Pseudomonas aeruginosa, tobramycin in

cystic fibrosis, 844
Pulmonary: See also Cardiopulmonary;

Lung; Respiratory hemorrhage complicating transbronchial biopsy, 367

immunologic features of alveolar septal amyloidosis, 704 involvement in systemic sclerosis, 509

involvement in zinc fume fever, 946 Pulmonary alveoli, suppressor subset in Sjögren's syndrome with neutrophilia in,

Pulmonary alveolitis, in quartz-exposed humans, 1061

Pulmonary artery, balloon rupture and ring displacement from Swan-Ganz catheter, 192

biofilms on right heart flow-directed catheters, 440

catheters in MI, assessment of use of, 721, 727

obstruction due to histiocytoma, 173 Pulmonary diseases, abscesses, catheter drainage of, 213

advances in prospective payment for, 773 airflow obstruction in sarcoidosis, 582 alveolar septal amyloidosis with multiple myeloma, 704

amyloidosis, clinical aspects of, 576 amyloidosis, complications of transbronchial biopsy in, 367

aspergillosis, in leukemia, 95 Bayesian theory in preoperative diagnosis of 888

chronic, O₂-conserving devices in, 263 cryptococcosis in AIDS, 692 drug-induced ventricular failure in, 732 inflammation, extracellular matrix injury during. 161

interstital, proton MR in, 1, 31

Mycobacterium fortuitum, ofloxacin for,
1110

Nocardia asteroides infection and bronchiolitis obliterans, 1107 obstructive, in ulcerative colitis, 18

Q fever inflammatory pseudotumor, 756 restrictive, in Still's disease in adult, 939

sarcoidosis, NK cells in, 1127 strongyloidiasis, ARDS secondary to, 1115

Pulmonary diseases, chronic obstructive: See also Airways obstruction; Asthma; Bronchitis; Emphysema

assessing cor pulmonale in, 10 assessment of right ventricle in, 229 chest films can not reveal, 8 favorable cardiovascular effects of theophylline in, 228

inorganic phosphate in hypoxemic patients during exercise, 310 ketanserin, serotonin S₂-receptor blocker

in, 863 new synthetic quinolone and serum theophylline level, 663

nocturnal hypoxemia in, 579 nocturnal oxyhemoglobin desaturation in, 579, 604

pneumococcal vaccine in, 193, 204 polycythemia in, 867

predicting maximal exercise ventilation in, 195, 253

pulmonary vasodilator therapy for, 71 requiring ventilation, failure to predict survival in, 971

respiratory resistance and reactance in,

responsiveness of pulmonary hypertension to oxygen and survival in, 387, 393 speech disorder in sleep apnea and, 584, 670

theophylline as bronchodilator in, 7S theophylline for dyspnea in, 2S theophylline in, rationale for use of, Jul suppl, 1S-51S

UCLA population studies of, exposure to photochemical oxidants, 594 we hardly knew ya! 775

Pulmonary diffusing capacity, categorization of asbestos-exposed workers, 494 rest and exercise, assessment of, 3, 44

Pulmonary edema, after bone marrow transplantation, prevention of, 303 cardiogenic, treatment of, 481 caused by venous air embolism, 364 clinical assessment of, 319 colloid osmotic pressure in, 540 high-altitude, in Japan, 814 in young, healthy woman, 385 nitroglycerin, morphine and furosemide compared in, 586

Pulmonary embolism, air, complicating needle biopsy, 749 detection of cardiac thrombi in, 23 Dressler-like syndrome after, 115 multiple thromboembolism, 171 therapy using leg venography, 1105 Pulmonary cosinophilia, case bistory, 1126

Pulmonary eosinophilia, case history, 1126 Pulmonary fibrosis, amiodarone-associated, 625

BAL cell analysis and, 771, 839 biliary cirrhosis with, 766 diffuse interstitial pulmonary disease, 1068 idiopathic, 148

prognostic role of eosinophils in, 7, 51 proton MR in, 1, 31

Pulmonary function, abnormalities in intentional spray paint inhalation, 100 at exercise after heart-lung transplant, 433 changes in COPD after exposure to photochemical oxidants, 594 drugs for postoperative pain and their effect on 520

in mitral stenosis, effect of valvular surgery on, 224

in smokers after alcohol withdrawal, 86 variability in longitudinal assessment of, 877

Pulmonary function tests, categorization of asbestos-exposed workers, 494

CT of lung parenchyma and, 406 noninvasive O₂ measurements, intra-subject variability, 1047 stair climbing, 783

Pulmonary gas exchange, continuous monitoring in acute pulmonary failure, 467 end-tidal Pco₂ and dead space/tidal volume in respiratory failure, 832

Pulmonary hypertension: See Hypertension, pulmonary

Pulmonary interstitial disease: See Pulmonary fibrosis

Pulmonary neoplasms: See also Carcinoma, bronchogenic

aspergilloma diagnosed by fiberoptic bronchoscopy, 948

aspergilloma in sarcoid and tuberculosis, 392, 505

congenital adenomatoid malformation of lungs, 514

Hodgkin's disease and Langerhans' cell granulomatosis, 191

lymphoplasmacytoid lymphoma and angina pectoris, 737 multiple primary, 892

natural killer cell activity in, 1022 nonresectable, bronchial tube for threat-

ening hemoptysis in, 1108 small cell, and atypical diabetes insipidus,

small cell, isoenzyme pattern of enolase and creatine kinase in, 189

small cell, postchemotherapy resection of residual tumor, 241

talc pleurodesis in metastatic pneumothorax, 576

Pulmonary vein, intraatrial conduit repair in scimitar syndrome, 1120

occlusive disease following therapy for neoplasms, 871 Pulmonary vessels, favorable effects of theo-

phylline on, in COPD, 22S Pulmonary wedge pressure, colloid osmotic pressure in pulmonary edema, 540

Q fever, inflammatory pseudotumor of lung, 756

Quartz: See Silica

Quinolone, new synthetic, and serum theophylline level, 663

Radial artery, blood samples, venous admixture to, during bypass, 836

Radiation, necrosis affecting ventilation during sleep, 567

Radiography: See Chest roentgenography; Roentgenogram of month

Radioisotope scanning: See Radionuclide imaging

Radionuclide imaging, dipyridamole thallium, myocardial ischemia after, 1102 intraventricular masses detected by angiocardiography, 937

lung, 353

normal lung perfusion scan with thromboembolism, 565

Raynaud's phenomenon, nifedipine in pul-

monary hypertension, importance of,

Reflex, gag, in disease, 1130

Renin-angiotensin system, activation from dobutamine and amrinone in heart failure, 657

Research, basic, clinical implications of extracellular matrix injury, 161 pharyngeal muscles during sleep, 918

Residual volume: See Lung volume measurements

Respiration, alterations in pattern and ratio of dead-space to tidal volume, 1013 changes during weaning from mechanical

ventilation, 979 changes in, after weight loss in sleep apnea. 631

forced expirations in normal subjects, 825 impedance-based minute ventilation, control of pacemaker rate by, 194, 247

inspiratory impairment in ventricular performance during asthma, 789

inspiratory mechanics in ischemic and valvular heart disease, 984

maximal exercise, in COPD, predicting, 195, 253
new tube for single lung ventilation, 761

oronasal, during exercise, 1037 periodic breathing during exercise in heart failure, 555

Respiration, artificial: See also specific type, as Positive airway pressure changes during weaning from, 979

failure to predict survival in COPD requiring, 971

high-frequency jet, cardiac support by, 5 inverse ratio, 390 metered-dose inhaler plus extension for

bronchodilation, 822 negative pressure, in respiratory failure,

470 Respirators, long-term care, 196, 536 Respiratory distress syndrome, adult

air leak in chest tubes, 577 early methylprednisolone for septic syndrome and, 1032

following equine ATG therapy, 578 secondary to strongyloidiasis, 1115

secondary to strongyloidiasis, 1115
Respiratory failure, acute, continuous monitoring in, 467
assisting ventilation in, 470

Charcot-Marie-Tooth disease and, 957 circulating atrial natriuretic peptides in, 769

end-tidal Pco₂ and dead space/tidal volume in. 832

flail chest injury and surgical absence of sternum, 185

IPPV via nasal access in, 168 PEEP and end-tidal CO₂ gradient, 451 prognostic impact of ICU management of

tetanus, 63 radiation necrosis causing, during sleep, 567

Respiratory hypersensitivity, caused by sulfasalazine, BAL in, 572

pneumonitis in hairdresser, 577 Respiratory paralysis, diaphragm, cuirass ventilation for, 683

Respiratory resistance: See Airway resistance

Respiratory sounds, forced expiratory flow rate curve related to wheeze, 825 in asthma, nomenclature to describe, 346 in high-altitude pulmonary edema in Japan, 814

international symposium on lung sounds, 342

snoring, nocturnal hypoxemia and effect of CO₂ inhalation, 411

Respiratory tract, effects of cocaine "freebasing," 638

Respiratory tract infections, new quinolone agent and serum theophylline level, 663

Rest, assessment of cardiac output and diffusing capacity, 3, 44

Resuscitation, cardiac, complications of, 287 Review, bronchial adenoma, 145 clinical assessment of lung water, 319

idiopathic pulmonary fibrosis, 148 Rhinitis, oronasal distribution of ventilation during exercise in, 1037

Rib fractures, complications of cardiac resuscitation, 287

flail chest injury and surgical absence of sternum, 185

Ribs, metastases from squamous bronchial carcinoma, 155

Rifampin, tuberculous pleural effusion and lymphadenitis treated with, 904

Risk: See Probability
Roentgenogram of month, angina and diffuse

infiltrates, 737 arrhythmias and abnormal chest roentgenogram, 335

axillary air, 155 dysphagia and cough with mediastinal mass, 529

mass, 529 rise and fall of diaphragm, 1083

what is wrong with this chest roentgenogram? 921

Roentgenography: See Chest roentgenography

Rupture, balloon, and ring displacement from Swan-Ganz catheter, 192

Salbutamol, bronchodilation with metereddose inhaler plus extension, 822

Sarcoidosis, airflow obstruction in, 582 aspergilloma in tuberculosis and, 392, 505 association of HLA-DR with, 488 NK cells in, 1127

Sarcoma, intracardiac, diagnosed by biopsy,

Scanning, radioisotope: See Radionuclide imaging

Scientific Assembly, 53rd annual, Oct 26-30, 1987, Atlanta, highlights, abstracts, Aug suppl, 53S-155S

Scimitar syndrome, intraatrial conduit repair in, 1120

Scintigraphy: See Radionuclide imaging Scleroderma, systemic, pulmonary involve-

ment in, 509 systemic, silica-dust-exposed mine workers with, 260

Sclerosis, progressive systemic: See Scleroderma, systemic

Sepsis: See Infection Serotonin antagonists, S₂-receptors, ketanserin, new agent, 863

Shock, physiology and management of, 906 Silica, alveolitis in quartz-exposed humans, 1061

mine workers with scleroderma exposed to, 260

Sjögren's syndrome, lymphocyte subpopulations in BAL in, 1025

Sleep, importance of pharyngeal muscles on airway patency during, 918 oxyhemoglobin desaturation in COPD during, 579, 604

snoring, nocturnal hypoxemia and effect of O, inhalation, 411

Sleep apnea syndromes, determinants of hypercapnia in, 772, 807 obesity-hypoventilation syndrome and,

obstructive and mixed, speech disorder in,

584, 670 obstructive, changes after weight loss in,

radiation necrosis causing ventilation failure with, 567

Sleep disorders, hypersomnolence with beta-adrenergic blockers, 943

Smog, lung function changes and photochemical oxidants in COPD, 594

Smoking, citric acid aerosol as cessation aid, 963, 1005

increased risk of pneumothorax from, 1009 measuring protease inhibition, 961 pulmonary function in smokers, 86 reducing urge to smoke, 963 respiratory effects of cocaine "freebasing," 638

Speech disorders, in sleep apnea, 584, 670 listening to patients takes on new meaning, 584

Sports, variable weight training in cystic fibrosis, 273

Sputum, production in bronchitis, effect of hydration on, 679

Statistics, Bayesian theory in preoperative pulmonary diagnosis, 888 Sternum, flail chest injury and surgical ab-

sence of, 185 fractures, complications of cardiac resusci-

tation, 287 Still's disease: See Arthritis, juvenile rheu-

matoid Streptokinase, prehospital, in acute MI, 124

Stress test: See Exercise test Strongyloidiasis, ARDS secondary to, 1115

Subclavian artery, right, cannulation, and chest x-ray, 921 Subclavian vein, air embolism after removal

of catheter causing pulmonary edema, 364 Substance abuse, cocaine and MI, 767

cocaine, fatal heart failure and hemochromatosis, 374 emphysema in intravenous methylpheni-

date abusers, 1085 pulmonary function in spray paint inhala-

tion, 100 respiratory effects of cocaine "freebasing,"

Suction, for pneumatoceles in adult pneumonia, 717

Sudden infant death, need to test home monitoring for, 1125

Sulfasalazine, BAL in hypersensitivity pneumonitis caused by, 572 Suppressor cells, in BAL in Sjögren's syn-

drome, 1025

Surgical staplers, bronchopleural fistulas after pneumonectomy using, 1056 Syncope, diffuse triple-vessel coronary ar-

tery spasm with, 183 malignant course of myocardial bridging,

Tachycardia, junctional ectopic, in adults, 188

multifocal atrial, 770

orthodromic, 557 wide ORS, standard limb lead ORS concordance during, 763

Tachycardia, ventricular flecainide-induced sustained, 573

malignant course of myocardial bridging, 1113

management of, 157

Talc, pleurodesis in metastatic pneumothorax, 576

Tetanus, impact of ICU management on prognosis of, 63

Thallium, treadmill test, beta blockers and sensitivity of, 486

Thallium imaging: See Radionuclide imaging Theophylline, in COPD, rationale for use of, Jul suppl, 1S-51S

serum level and new synthetic quinolone, 663

toxicity, multifocal atrial tachycardia, 770 whole blood enzyme assay, 129

Thermodilution, evaluation of right ventricular function during PEEP, 999 2 systems compared, 926

Thoracic arteries, magnetic resonance imaging of blood circulation in, 645

Thoracocentesis, complications of, 380 Thorax: See Chest; Pneumothorax

Thymus-dependent lymphocytes: See T Lymphocytes

Thromboembolism, extensive, normal lung perfusion scan with, 565 multiple pulmonary, 171

pulmonary artery obstruction due to histiocytoma, 173

Thrombolytic agents: See Fibrinolytic agents

Thrombosis, cardiac, detecting in pulmonary embolism, 23 nonbacterial thrombotic endocarditis, 176

Tidal volume: See Lung volume measurements

Tobacco: See Smoking Tobramycin, in cystic fibrosis, 844

Tomography, emission computed, assessing cor pulmonale in COPD with, 10

Tomography, X-ray computed diagnosis of Bochdalek hernia of diaphragm, 1098

in diagnosis of pulmonary aspergillosis in leukemia, 95

of lung parenchyma and pulmonary function test, 406

Tonsillar neoplasms, metastatic, bronchial adenocarcinoma presenting as, 1122 Transplantation: See also Heart-lung trans-

plantation; Heart transplantation bone marrow, prevention of pulmonary edema after, 303

Tricuspid valve insufficiency, traumatic, 429 Tuberculin test, reaction size, measurement,

significance of, in the elderly, 237

Tuberculosis, AIDS and, 769 laboratory, cost-reduction efforts in, 1128 pleural effusion in, and lymphadenitis,

pleural, NK cells in carcinomatous and tuberculous pleurisy, 500

Tuberculosis, pulmonary AIDS and, 383

aspergilloma in sarcoid and, 392, 505 management of hemoptysis in, 77 Tumors: See Neoplasms

Ultrasonics: See also Echocardiography nebulizer compared to DeVilbiss iet, 991 traumatic tricuspid insufficiency, 429

Vaccines, pneumococcal, in COPD, 193, 204 Vascular resistance, venous, in physiology of shock, 906

Vasodilators, pulmonary, for COPD and cor pulmonale, 71

screening, prostaglandin E1 as, in pulmonary hypertension, 686

Veins, inferior vena caval defects and circulation in, 768 systemic, malformations between brachio-

cephalic arteries and, 897 venous return and resistance in physiology

of shock, 906 Vena cava, inferior, defects and venous circulation, 768

superior, persistent left, detecting, 386 Venography: See Phlebography

Ventilation, mechanical: See Respiration, artificial

Ventilators: See Respirators

Ventricle, diastolic dysfunction in cardiopathy of obesity, 1042

extrasystoles, distribution of, 758

Ventricle, left aneurysm and dilated cardiomyopathy,

377 drug-induced failure in pulmonary disease, 732

endomyocardial biopsy in diagnosis of sarcoma, 177

hypertrophy, echocardiographic detection, 923 impaired function, blood flow in thoracic

vessels in, 645 normal wall thickness in aortic stenosis,

preoperative dysfunction and coronary by-

pass risks, 804

survival in severe failure of, 118 Ventricle, right

assessment of, in COLD, 229 failure, atrial septostomy for, 950

function during PEEP, 999 hypothesis of pulmonary hypertension in COPD, 387

inspiratory impairment in, during asthma, 789

metastatic melanoma presenting as obstruction of, 362

Vital capacity, effect of CPAP on residual capacity and, 66

Water, effect of hydration on sputum production in bronchitis, 679 lung, clinical assessment of, 319

Wegener's granulomatosis, reversible valvulitis in, 182

Weight training, variable, in cystic fibrosis, 273

Welding, pulmonary involvement in zinc fume fever, 946

Wheezing: See Respiratory sounds

X-ray computed tomography: See Tomography, X-ray computed

Xanthomatosis, eruptive, in chylomicronemia syndrome, 747

Zinc, fume fever, pulmonary involvement in, 946